



# UA

**UNIVERSITY *at* WCC**  
*Certificate and associate degree programs*  
**2015 - 2016**

 **Washtenaw**  
Community College  
From Here to Career

# WHAT'S INSIDE?

**You can afford to go to college. Compare our tuition rates on pages 2-3.**

**Washtenaw Community College has degree programs designed for you. Learn about advanced training options on pages 4-7.**

**We provide one-on-one advising to answer your questions, develop customized academic plans and help you schedule classes. Learn about our student-centered focus on page 8.**

**Save time and money. Find out how your UA Apprenticeship or UA Star Exam can earn you college credits on page 8.**

**We understand your busy schedule. Find out how you can finish your degree online through WCC's Online Classes on pages 10-13.**



*Great Lakes Regional Training Center at Washtenaw Community College*

## United Association and Washtenaw Community College— Education Partnership

With opportunities to earn college credits from your UA apprenticeship and instructor training, UA University at WCC offers an education partnership between the UA and Washtenaw Community College. Whether you are an apprentice or journeyman, WCC has a degree program to advance your career potential:

- Construction Supervision (UAS)
- Industrial Training (UAT)
- Journeyman Industrial (JPIM)

Washtenaw Community College is located in Ann Arbor, Michigan. WCC has hosted the UA Instructor Training Program for 26 years. WCC has provided quality, accessible education for 50 years and serves approximately 22,000 credit and 8,000 noncredit students each year. With more than 100 online classes, we offer the convenience and flexibility so you can finish your associate degree.

## Why finish your degree at WCC?

- Student-centered advising and assistance
- Affordability
- Flexibility

## Student-centered approach

You will have access to a dedicated staff who are committed to providing the services that you need in order to achieve academic success. Your WCC-UA Student Services Coordinator can assist you with:

- College credit for your apprenticeship
- Advising
- Transcripts
- Registration
- Graduation



**“You’ll never get a better chance to finish your associate degree program - guaranteed! I’ve never worked with a better staff than Washtenaw’s mentors and educators. They made obtaining my college degree easier than I ever thought possible - you’d be crazy to pass up an opportunity like this.”**

***-Thomas Stewart, Local 21, Peekskill, N.Y.***

## Save money with credit for apprenticeship

The cost of tuition and fees varies significantly between colleges and universities. Generally, a public community (two-year) college, such as WCC, will cost much less than a four-year college or university. For the 2015-2016 academic year, WCC’s tuition rate (including fees) for our online classes is \$114 per credit hour.

When estimating the cost of your associate degree at WCC, consider the value of the college credits that we grant you for your UA Apprenticeship or UA Star Exam.



*\*Earned at WCC or may be transferred from previous college.*

# Estimated cost of an Associate in Applied Science

(Based on 2015-16 Online Tuition Rates)

<b>WCC Tuition and Fees</b>		
UA Apprenticeship	\$114 x 32 credits	Savings of (\$3,648)
General Education	\$114 x 15 credits* [5 classes]	\$1710
Major (Program Option)	\$114 x 15 credits [5 classes]	\$1710
Estimated cost of textbooks	\$100 per book x 10 classes	\$1,000
<b>Estimated Cost for Your Associate Degree</b>		<b>\$4,420</b>
<i>* Contact your WCC-UA Student Services Coordinator to develop a customized academic plan.</i>		

## Flexibility

WCC's online degree programs are designed to help you meet your academic and career goals. Online learners need to be independent, motivated and self-starters. In addition, you can expect Online Classes to have deadlines. But because the Online Classes classroom is available to you 24-hours a day, seven days a week, you have the flexibility of scheduling study and class time during different hours than work or family time. Attend class anywhere you have a computer with access to high speed internet.

## What is the online learning advantage?

With more than 100 Online Classes available, it is possible to finish your college degree. Each incorporates quality online standards for a complete e-Learning student experience.

### Virtual classroom

Connect with your UA brothers and sisters through online discussion boards. Save time by taking tests and submitting class assignments all online without driving to campus.

### Online video lectures

Learn from industry professionals and WCC's faculty as they deliver important course content when it is convenient for you. Online videos are available 24/7.

### Online faculty support

Take advantage of a flexible but supportive educational experience. Many of WCC's online instructors come from industry and understand the challenges of planning your school schedule around work, family and other responsibilities.

# WCC's degree program options

Whether you are a plumber, pipefitter, sprinkler fitter, or service technician, complete your associate degree at WCC with one of our trade-related degree programs designed specifically for you. Choose from Construction Supervision, Industrial Training and Journeyman Industrial.



*\*Earned at WCC or may be transferred from previous college.*



**“I really enjoy the e-Learning classes. Traveling for work and family life keeps me busy. The ability to watch the video lectures at a pace that suits my lifestyle makes the difference in furthering my education and not being able to. I can read the books any time and take the quizzes when the kids are asleep. I recommend WCC to all my union brothers and sisters who would like to continue learning to reach their goals.”**

*– Jamey Lee, Local 65, Decatur, Ill.*

# Construction Supervision (UAS)

Designed for UA members who are interested in moving into a construction management position, the Construction Supervision degree program concentrates on supervision and project management skills, including human resources management, contracts and other legal issues.

<b>UA Apprenticeship or UA Star Exam</b>	<b>32 credits</b>
<b>Major/Program Coursework</b>	
UAS 111: Motivating Employees	3 credits
UAS 122: Supervisory Skills	3 credits
UAS 210: Legal and Personnel Aspects	3 credits
UAS 222: The Construction Project	3 credits
UAS 230: Scheduling and Project Management	3 credits
<b>Major/Program Credits</b>	<b>15 credits</b>
<b>General Education Courses</b>	<b>13-31 credits</b>
<b>Minimum Credits Required:</b> Associate in Applied Science (AAS) or Associate in Science (AS) See page 13 for details.	<b>60 credits</b>





## WCC's degree program options *continued*

### Industrial Training (UAT)

Open only to select UA Instructors participating in the Instructor Training Program held each August at Washtenaw Community College's main campus, the Industrial Training degree program offers professional and technical courses related to trade teaching in the United Association.

<b>UA Apprenticeship or UA Star Exam</b>	<b>32 credits</b>
<b>Major/Program Coursework</b> Successful completion of Instructor Training Program at WCC	<b>12-15 credits</b>
<b>General Education Courses</b> See page 13 for details.	<b>13-31 credits</b>
<b>Elective Courses</b>	<b>0-5 Credits</b>
<b>Minimum Credits Required:</b> Associate in Applied Science (AAS) or Associate in Science (AS) See page 13 for details.	<b>60 credits</b>



*UA Instructors and Training Staff - 2014 UA Instructor Training Program.*

## Journeyman Industrial (JPIM)

This degree program is for UA members who want to pursue college credit in areas that augment or complement current trade related expertise. Elective courses allow you the flexibility to customize this degree program to meet your needs.

<b>UA Apprenticeship or UA Star Exam</b>	<b>32 credits</b>
<b>Major/Program Coursework</b> Five elective courses (college freshman-level or higher)	<b>15 credits</b>
<b>General Education Courses</b> See page 13 for details.	<b>13-16 credits</b>
<b>Minimum Credits Required:</b> Associate in Applied Science (AAS) or Associate in Science (AS) See page 13 for details.	<b>60 credits</b>

Visit the UA University at WCC website for more information about our degree programs: [wccnet.edu/uauniversity](http://wccnet.edu/uauniversity)

# Getting started at WCC

Our goal is to help you get on the right path to academic success. We will work with you to develop a customized academic plan through our one-on-one academic advising, which includes evaluating your UA apprenticeship or UA Star Certification and prior college experience.

## Academic advising

Contact your WCC-UA Student Services Coordinator either by email at michaelg@wccnet.edu or telephone at 888-232-5476 for one-on-one academic advising to assist you with the following:

- Selecting a degree program to fit your individual career goals
- Taking only the classes that you need for your degree, saving you time and money
- Receiving registration information and guides

## Apprenticeship and UA STAR exam verification

UA members who achieved journey status after August 2000 and current UA apprentices can receive 32 college credits from UA University for completing their apprenticeship experience. Interested apprentices should see their UA Local Union Training Coordinator to be registered for these college credits.

Locals that are interested in registering their apprentices with Washtenaw Community College should contact WCC at 888-232-5476. Apprentices will need to be registered with WCC in order to receive credit.

UA members who achieved journey status prior to August 2000 will need to pass the UA STAR exam to receive the 32 credits for their apprenticeship experience. Please contact your UA Local Union Training Coordinator to schedule an exam date and obtain study materials.

## Transcript evaluation for prior college experience/credit

### For UA members who have previous college experience:

#### Prior institution must be:

- Accredited
- A two- or four-year institution

#### Course work must:

- Be at college freshman level or higher
- Show an earned grade of "C" or better

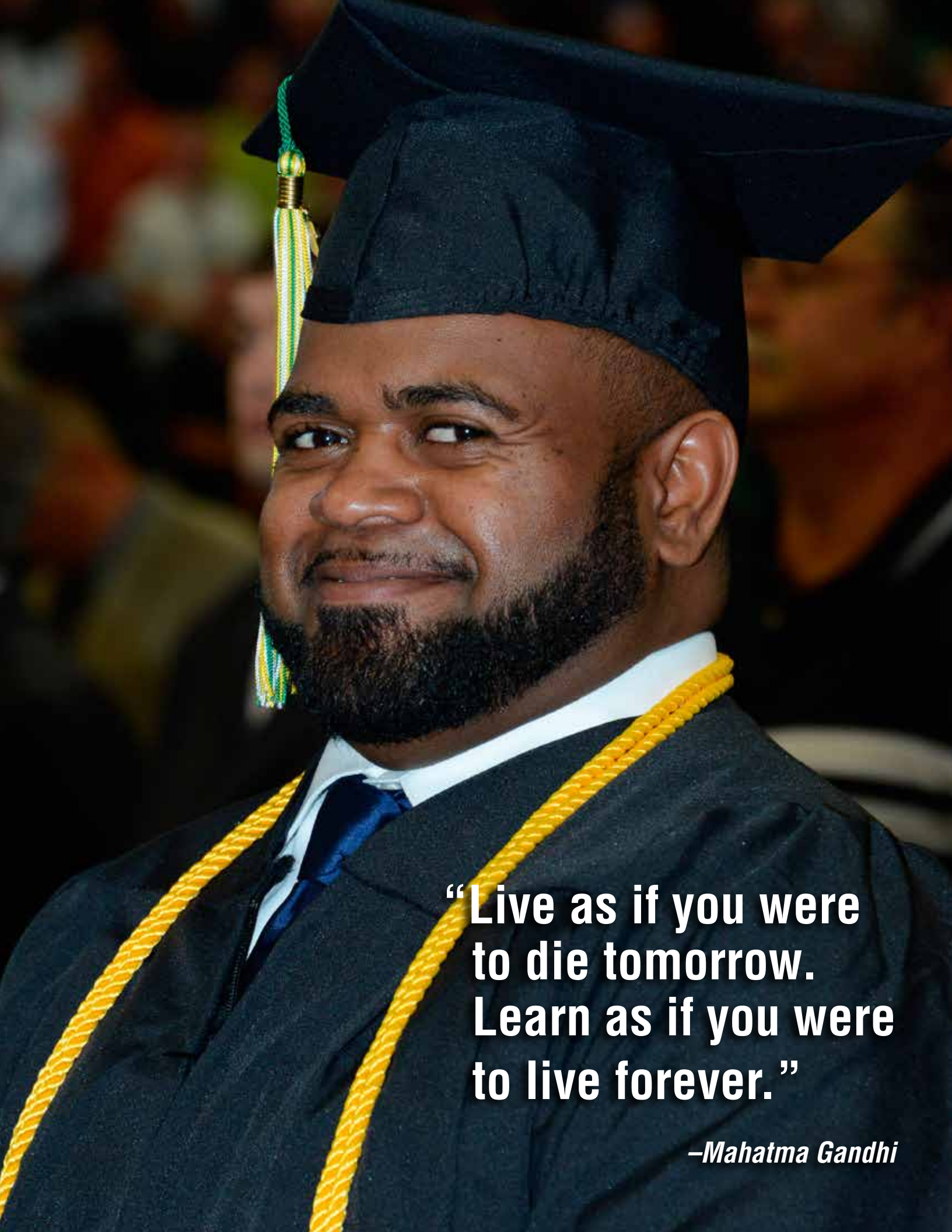
Foreign credits from English speaking institutions may be acceptable. A maximum of 45 credits may be transferred in. Evaluation results will be mailed to you.

### Please send your official college transcripts to:

Washtenaw Community College  
Student Records – UA  
4800 E Huron River Dr  
Ann Arbor, MI 48105-4800

#### Transcripts must be:

- An official copy
- In a sealed envelope
- Sent directly from the institution
- No copies or faxes can be accepted
- Allow four to six weeks for evaluation



**“Live as if you were  
to die tomorrow.  
Learn as if you were  
to live forever.”**

***—Mahatma Gandhi***

# Planning for Online Classes at WCC

## Introduction to Online Classes

The Introduction to Online Learning class prepares you for becoming a successful online student. It is a prerequisite for any online class that you take at WCC. In this class, you will complete the College's application for admission, placement assessment and online student orientation. Key topics that you will learn include the following:

- Navigating in the virtual classroom
- Blackboard skills to submit assignments, take assessments and communicate with your instructor
- Time management strategies

Registration for the Introduction to Online Learning class is online and always open. While you will have up to two weeks to complete this class, most finish it in less time because you work at your own pace. Register today at <http://tinyw.cc/intro-unions>.

## General Education

WCC's online General Education (Gen Ed) classes follow the College's regular semester schedule. Please visit our website at [wccnet.edu](http://wccnet.edu) for specific registration dates.

Registration Schedule			
Semester	Registration	Semester Start Gen Ed	Semester End
Fall	Mid-April to end of August	15 Weeks end of August	Mid-December
Winter	Mid-November to early January	15 Weeks mid-January	End of April
Spring/Summer	Mid-March to early May	12 Weeks early May	Mid-August

## Construction Supervision

Register for the five Construction Supervision classes at [wccnet.edu/uas](http://wccnet.edu/uas) (click on the registration link.)

***“What I enjoyed most in regards to attending WCC’s Online Classes program is being able to access the virtual classroom at one’s convenience. As a new student, I feel WCC’s online classes give clear direction for assignments found in the modules. After successfully completing the Introduction to Online Learning class, I am confident that I can achieve my education goals.”***

***– Carlos Martinez, UA Local 68, Houston, Texas***

## Finish your degree with Online Classes

We offer online General Education classes that you need to complete your degree program.



*\*Earned at WCC or may be transferred from previous college.*

## General Education Requirements 2015-2016

	Associate in Applied Science (AAS)		Associate in Science (AS)	
Writing	1 course	3-4 credits	2 courses	6-7 credits
Speech	1 course	3 credits	1 course	3-4 credits
Mathematics*	1 course	3-4 credits	1 course MTH 160, MTH 169, or higher (AS)	3-4 credits
Natural Sciences*	1 course	3-4 credits	1 course/lab	4 credits
Social and Behavioral Science	1 course	3-4 credits	2 courses	6-7 credits
Arts and Humanities	1 course	3 credits	2 courses	6 credits
Computer and Information Literacy**	1 course	3 credits	1 course	3 credits
<i>*Three credits in math and in science are awarded within the 32 credits for completion of UA Apprenticeship or the UA STAR exam.</i>				
<i>**Requirement for new students beginning Fall 2010 or later.</i>				

**Visit the Online Classes website at [wccnet.edu/online](http://wccnet.edu/online) for a complete list of classes being offered.**

# Online Course Offerings 2015-2016

Writing	
ENG 100 Introduction to Technical & Workplace Writing	4 credits
ENG 111 Composition I	4 credits
ENG 226 Composition II	3 credits

Speech	
COM 101 Fundamentals of Speaking	3 credits
COM 102 Interpersonal Communication	3 credits
COM 200 Family Communication	3 credits

Mathematics	
MTH 125 Everyday College Math	4 credits
MTH 160 Basic Statistics	4 credits
MTH 169 Intermediate Algebra (for AS)	4 credits
MTH 176 College Algebra	4 credits
MTH 180 Precalculus	5 credits
MTH 191 Calculus I	5 credits

Natural Sciences	
BIO 104 Biology of Exercise (for AS)	4 credits
BIO 212 Pathophysiology: Alterations in Structure & Function	4 credits
GLG 104 Weather	4 credits
GLG 114 Physical Geology	4 credits
GLG 276 Principles of Geographic Information Systems	3 credits

Social and Behavioral Science	
HST 201 United States History to 1877	3 credits
HST 202 United States History Since 1877	3 credits
HST 220 The Civil War Era, 1845-1877	3 credits
PLS 112 Introduction to American Government	3 credits
PSY 100 Introduction to Psychology	3 credits
PSY 150 Psychology of Work	3 credits
PSY 206 Life Span Developmental Psychology	3 credits
PSY 210 Behavior Modification	3 credits
PSY 220 Human Development & Learning	3 credits
PSY 240 Drugs, Society & Human Behavior	3 credits
PSY 251 Education of Exceptional Children	3 credits
PSY 257 Abnormal Psychology	3 credits
SOC 100 Principles of Sociology	3 credits
SOC 205 Race and Ethnic Relations	3 credits

Arts and Humanities	
ART 130 Art Appreciation	3 credits
ENG 170 Introduction to Lit.: Short Story & Novel	3 credits
ENG 181 African-American Literature	3 credits
ENG 200 Shakespeare	3 credits
ENG 270 Creative Writing I	3 credits
ENG 271 Creative Writing II	3 credits
HUM 150 International Cinema	3 credits
HUM 160 American Film	3 credits
MUS 180 Music Appreciation: Our Musical World	3 credits
PHL 101 Introduction to Philosophy	3 credits

Construction Supervision	
UAS 111 Construction Supervision I: Motivating Employees	3 credits
UAS 122 Construction Supervision II: Supervisory Skills	3 credits
UAS 210 Construction Supervision III: Legal and Personnel Aspects	3 credits
UAS 222 Construction Supervision IV: The Construction Project	3 credits
UAS 230 Construction Supervision V: Scheduling and Project Management	3 credits

Computer and Information Literacy	
BOS 101 A, B, C Begin., Intermed., Advanced Keyboarding	1 credit
BOS 106 Electronic Planning, Sharing & Organization	3 credits
BOS 157 Word Processing & Document Formatting I	3 credits
BOS 182 Database Software Applications	3 credits
BOS 184 Spreadsheet Software Applications I	3 credits
BOS 206 Personal Management App & Internet Resources	3 credits
BOS 223 Medical Office Procedures	3 credits
BOS 224 Medical Office Insurance & Billing	4 credits
BOS 230 Electronic Forms Design	3 credits
BOS 250 Office Administration	4 credits
BOS 257 Word Processing and Document Formatting II	3 credits
BOS 284 Spreadsheet Software Applications II	3 credits
CIS 100 I ntroduction to Computer Productivity Apps	3 credits
CIS 121 Linux/Unix I: Fundamentals	4 credits
CIS 206 Linux/UNIX II: Basic System Admin, Netw, Security	4 credits
CIS 208 Linux/UNIX II: Interm System Admin, Netw, Security	4 credits
CIS 221 Linux/Unix Programming & Scripting I	4 credits
CNT 100 Introduction to Windows Networking	4 credits
CPS 120 Introduction to Computer Science	3 credits
CPS 161 An Introduction to Programming with Java	4 credits
CPS 171 Introduction to Programming with C++	4 credits
CPS 251 Android Programming Using Java	4 credits
CPS 261 Advanced Java Concepts	4 credits
CPS 278 Java Server Programming	4 credits

Electives	
ACC 111 Principles of Accounting I	3 credits
ACC 122 Principles of Accounting II	3 credits
ACC 131 Accounting Information Systems	3 credits
ACS 123 Information Literacy	1 credit
ANI 150 3D Animation I: Modeling	4 credits
BMG 111 Business Law I	3 credits
BMG 140 Introduction to Business	3 credits
BMG 155 Business on the Internet	3 credits
BMG 181 Introduction to Supply Chain Management	3 credits
BMG 18 Warehousing and Logistics	3 credits
BMG 205 Creating the Customer Experience	3 credits
BMG 206 Retail Principles & Practices	3 credits
BMG 207 Business Communication	3 credits
BMG 211 Merchandising & Inventory Management	3 credits
BMG 226 Transportation & Logistics	3 credits

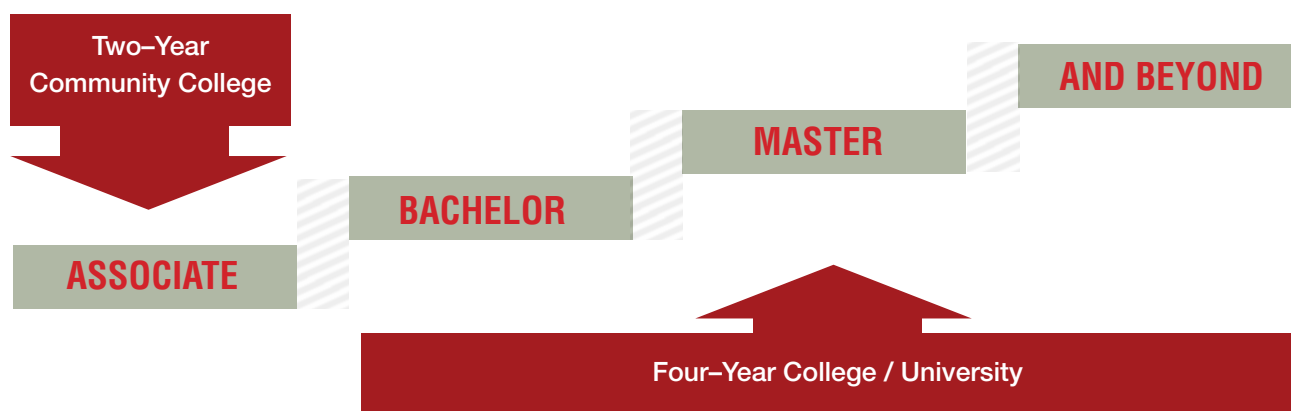
### Electives continued

BMG 228	Purchasing & Inventory Control	3 credits
BMG 230	Management Skills	3 credits
BMG 250	Principles of Marketing	3 credits
BMG 265	Business Statistics	3 credits
BMG 273	Managing Operations	3 credits
BMG 275	Business & Supply Chain Analytics	3 credits
BMG 279	Performance Management	3 credits
BMG 291	Project Management	3 credits

BMG 295	Supply Chain Field Studies	3 credits
BOS 207	Presentation Software Applications	2 credits
BOS 208	Desktop Publishing for the Office	3 credits
HSC 101	Healthcare Terminology	1 credit
HSC 138	General & Therapeutic Nutrition	3 credits
HSC 147	Growth & Development	3 credits
MTH 167	Math Applications for Health Science	3 credits
NUR 115	Pharmacology	3 credits

## Transferring to a four-year school

Many students find their WCC experience to be useful preparation for continuing their education to the bachelor degree level.



While Ferris State University has established transition options to a bachelor's degree with WCC, most of our 100 and 200 level classes will transfer to many colleges and universities. But how they transfer will depend on the particular college or university and your program of study. Contact your WCC-UA Student Coordinator by email at [michaelg@wccnet.edu](mailto:michaelg@wccnet.edu) or telephone at 888-232-5476 for more information.

Ferris State University was founded in 1884 to provide career-oriented education and today serves approximately 12,000 students in more than 170 degree programs.

Ferris State University offers UA members the opportunity to earn a bachelor's degree in heating, ventilation, air conditioning and refrigeration engineering technology (HVACR) or technical education by transferring their WCC associate degree. For more information about UA University at Ferris State University, contact Jill Trinklein at 231-591-2695 or email at [trin12@ferris.edu](mailto:trin12@ferris.edu).

# Contacts

## Washtenaw Community College

UA Toll Free Number . . . . . 888-232-5476

## Student Services–Advising, Registration and Transcript Evaluation

Michael Griffith, *WCC-UA Student Services Coordinator* . . . . . 888-232-5476  
Karla Baker, *WCC-UA Data Technician* . . . . . 888-232-5476

## Program Administration

Anthony Esposito, *WCC-UA Program Administrator*. . . . . 734-677-5222  
Kim Billings, *Logistics Director UA Programs* . . . . . 734-973-3359  
Arista Metler, *UA Distance Learning Administrator* . . . . . 734-477-8908

## United Association

Cathy Merkel, *UA Registrar* . . . . . 410-269-2000

## Online Classes

Gloria Eccleston, *Operations Manager*. . . . . 734-477-8903

## Ferris State University

Jill Trinklein, *PR, Marketing & Distance Learning Officer, HVACR*. . . . . 231-591-2695

# UA University Websites

**UA University at Washtenaw Community College**  
***wccnet.edu/uauniversity***

**UA University at Ferris State University**  
***ferris.edu***

**WCC Online Classes**  
***wccnet.edu/cod***

**Washtenaw Community College Board of Trustees**

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- Diana McKnight-Morton, *Vice Chair*
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- Ruth Hatcher

**Washtenaw Community College  
EEO / Title IX / Section 504 Statement**

Washtenaw Community College does not discriminate on the basis of race, sex, color, religion, national origin, age, disability, height, weight, marital status, or veteran status in provision of its educational programs and services or in employment opportunities and benefits. WCC is committed to compliance in all of its activities and services with the requirements of Title IX of the Educational Amendments of 1972, Public Act 453, Section 504 of the Rehabilitation Act of 1973, Title VII of the Civil Rights Act of 1964 as amended, Public Act 220 and the Americans with Disabilities Act of 1990.

Inquiries concerning programs and services under Title IX and Section 504 and the Americans with Disabilities Act should be directed to the Associate Vice president; Room SC221C, Student Center Building, 734-973-3536. Inquiries regarding compliance in employment should be directed to the College Affirmative Action Officer in the Office of Human Resource Management, Room 120, Business Education Building, 734-973-3497. Inquiries concerning access to facilities should be directed to the Director of Plant Operations, Plant Operations Building, 734- 677-5300

**Policy on Access, Success and Equity for Diverse People**

WCC promotes a climate of access, success and equity for persons from different racial, ethnic and cultural groups, age levels, religions, genders, sexual orientations, physical capacities, learning abilities and income levels.

WCC promotes awareness and appreciation of cultural differences and commonalities among students, community and staff groups seeking to build community, unity and learning. WCC works to create and maintain a diverse teaching, learning and work environment that can draw upon the full potential of all individuals in order to provide the very best educational opportunities for all members of our communities.

**WCC IS A NON-SMOKING CAMPUS**

For additional information about Washtenaw Community College online classes, visit ***wccnet.edu/classes/online***

Washtenaw Community College is accredited by  
The Higher Learning Commission of the North Central Association  
230 South LaSalle Street, Suite 7-500, Chicago, Illinois 60604-1411  
(312) 263-0456  
***ncahlc.org***

For information on Washtenaw Community College, contact WCC at (734) 973-3300.