

Launch



Winter 2014

Lights, Camera, Action

Student Lands in Hollywood

Front and Center

WCC Veterans Center is here to serve

Travel and Learn

Summer Travel Earns College Credit

Switching Gears

Student Lands on Right Path with Automation Technology

Entrepreneurs

Digital Media Arts Students Spring into Business

WINTER CLASSES INSIDE



Washtenaw
Community College
From Here to Career



Welcome to *Launch*



From open doors to open minds, we believe that when you start at Washtenaw Community College, your career opportunities are endless. I invite you to learn more and find out how we can help you get from “Here to Career” by exploring the programs we offer, the classes we teach and careers we help jumpstart in this edition of *Launch*.

More than 18,000 students register for classes at WCC every year. They join us with diverse backgrounds, goals and challenges. Their success becomes our success and I’m excited to share these stories of personal triumph and achievement with you.

Whether you want to transition into a new field, hone your skills, or are looking to start classes with plans to transfer to a four-year institution, you can find what you need at WCC. With more than 120 degrees and certificates, an open door admission policy and affordable tuition rates, we can help you get started down the right path on your educational journey. For your convenience, we’ve listed the classes we will be offering this winter within this magazine.

So dive into *Launch* and start planning your future at WCC now. We look forward to seeing you on campus or getting to know you “online.”

With Warm Regards,

Rose B. Bellanca, Ed. D.
President, Washtenaw Community College



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Questions about the WCC programs and services described in this publication should be directed to the Office of Admissions at 734-973-3543. Comments or questions about the publication itself can be directed to WCC Public Relations and Marketing Services at 734-973-3704.

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Inquiries concerning programs and services as they relate to Title IX and Section 504, and the Americans with Disabilities Act should be directed to the Office of the Associate Vice President of Student Services, room SC 275A, 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 Associate Vice President of Facilities Development and Operations, room PO112, Plant Operations building, 734-677-5322.

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Washtenaw Community College is accredited by The Higher Learning Commission of the North Central Association of Colleges and Schools, 230 South LaSalle Street, Suite 7-500, Chicago, IL 60604-1413 www.ncahlc.org.

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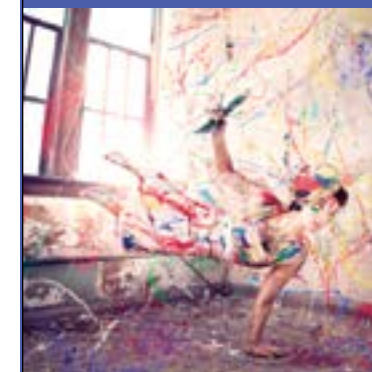
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Register for Winter Semester NOW!

WCC Winter Semester begins January 13

Cover image by Rob Woodcox, owner of Rob Woodcox Photography and 2012 graduate of WCC’s Digital Media Arts program. Title: The Celebration Art



Artist’s statement: This image was taken to celebrate creativity and expression. As an artist, it can be extremely challenging to find direction amongst the swift currents in life, yet I’m always filled with an excitement to just create. I wanted to express that explosive passion to spread light, joy and color in the world, and to encourage people to embrace the art of living celebratory lives, always sharing and creating to make the world a better place.

Lights, Camera, Action

Former WCC student is making his mark

Elliott Dickerhoof is on his way to becoming a Hollywood success story.

The former Washtenaw Community College digital video student is a successful freelance writer, director, producer, and editor in the movie mecca of the world—Los Angeles.

While working for actor Will Farrell's production company Funny Or Die in 2010, Dickerhoof created his own web series, "First Dates with Toby Harris," and sold it later that year to Yahoo.

Accolades received

That first season he wrote half of the web episodes and directed all of them—millions viewed them on *Yahoo Screen*. The show went on to receive the "Best Web Series" at the Palo Alto International Film Festival in 2012.

"The timing was perfect for the show. I was the writer, director, and editor. It was a great experience for me," says Dickerhoof.

WCC program credited

Dickerhoof left WCC in 2004 to continue his studies at Columbia

College in Chicago. But he credits the Washtenaw digital video program with giving him the tools and encouragement to follow his dream.

"WCC was the place where I actually started learning for the first time. It gave me the confidence that I could be successful in a very demanding and competitive field," says Dickerhoof. "I am going to continue to grow in my profession. I truly believe that WCC's video production program is ahead of its time."

To learn more about the WCC digital video program visit www.wccnet.edu.

Film Producers and Directors

Median Pay: \$68,440 per year

Job Outlook: Employment of producers and directors is projected to grow 11 percent from 2010 to 2020, about as fast as the average for all occupations. Job growth in the motion picture and video industry will stem from strong demand from the public for more movies and television shows.

Information from www.bls.gov

"WCC was the place where I actually started learning for the first time. It gave me the confidence that I could be successful in a very demanding and competitive field."



WCC student brings home Emmy

Imagine winning an Emmy Award for your school project.

That is what happened to Brad Tennant who wrote, directed, edited, and created the musical score for "I'd Live for You." His short film about a love-struck Grim Reaper is a 2013 Michigan Emmy Award winner.

Tennant, who lives in Ypsilanti's Depot Town district, had no prior film experience before enrolling in WCC's Digital Video program. Classmates Ben Armes, Garrett Sammons, and friend Adam Johns were a big help in making the award-winning film.





Student Reaches Goals with Military Precision

Robert Andrew Nelson's path to a Washtenaw Community College associate's degree included a few twists and turns.

It began in Lindale, Georgia where he went straight from high school into the Marine Corps. His objective: to serve his country and pay for college. While assigned as a Signal Intelligence Corporal in the 3rd Radio Battalion in Kaneohe Bay, Hawaii, Nelson was deployed to Afghanistan for 10 months in support of Operation Enduring Freedom.

"The Marine Corps does a good job, but nothing can prepare you for that kind of adrenaline trip. It was a seven days a week, 12 hours a day job," said Nelson.

After five years of service and an honorable discharge, he returned to Georgia and eventually moved with his wife to Michigan and enrolled at WCC.

He quickly zeroed in on his studies and his goals and

in 2012 graduated with a perfect 4.0 grade point average.

In between classes, he helped found the WCC Student Veterans Club and served as its president. He also provided direction for the college's Phi Theta Kappa Honor Society as its Vice President of Leadership.

He applied to Columbia University, Harvard, and New York University—and was accepted to all three. "I wanted eventually to go to law school and pursue a career in politics because it has become natural for me to want to serve my country," said Nelson.

Today he is pursuing a political science degree at Columbia University and encourages other students to pursue their goals. "If you have purpose, anything is possible," he said. "School has given me a new purpose, which has driven me to try to excel in everything that I do."

"School has given me a new purpose, which has driven me to try to excel in everything that I do."



Front and Center

WCC Veterans Center is here to serve

The Veterans Center at Washtenaw Community College is a "one-stop shop" for academic, benefit and support services. The Center's doors are open to military veterans, active duty personnel, their spouses and dependents, as well as students in the National Guard or Reserves.

Resources offered include access to Veterans Administration tuition benefits, specialized academic advising, student organizations,

community events and employment opportunities. VA representatives are available to discuss vocational opportunities and VA health benefits. VA educational benefit certification also takes place there.

"The Veterans Center at WCC is a great resource," said Lee Dawson, a veteran and recent WCC graduate. "It helps veterans

get the kind of support they need when dealing with issues like post-traumatic stress disorder, finding a career path, or transitioning from active military life to civilian student life.

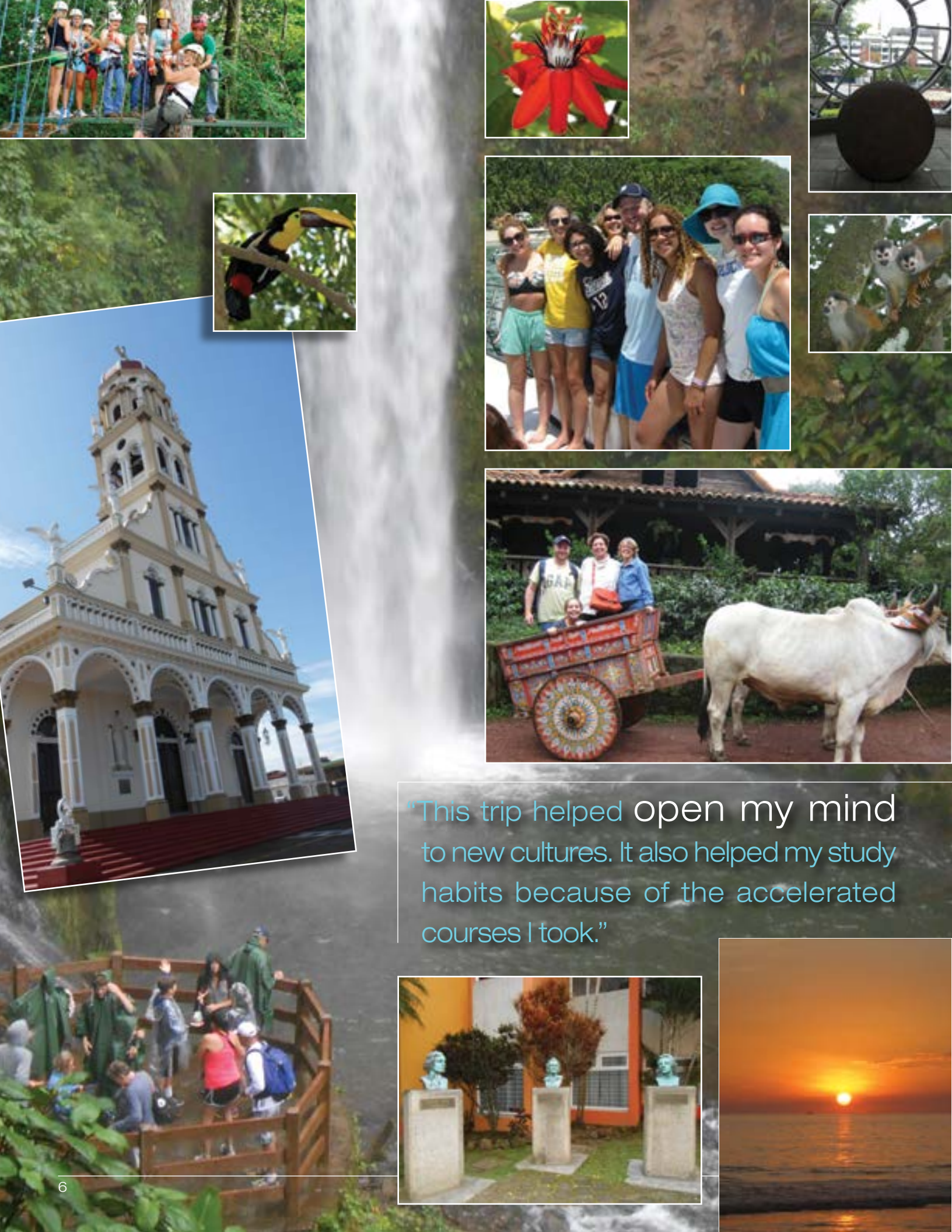
"My experience at WCC is absolutely phenomenal," adds Dawson. "Coming here was

the smartest decision I could have made."

Military Friendly

WCC has been named a 2014 Top Military Friendly School. The 2014 Military Friendly Schools® list honors the top 20 percent of colleges, universities and trade schools in the country that are doing the most to embrace America's military service members, veterans, and spouses as students and ensure their success on campus.





"This trip helped open my mind to new cultures. It also helped my study habits because of the accelerated courses I took."

Travel and Learn

WCC offers a world of opportunity

Exotic Costa Rica was the destination for seven Washtenaw Community College students this past summer. In addition to earning WCC foreign language credit, the students experienced a unique cultural immersion that included visits to a volcano and the many beautiful beaches that dot the scenic coastline. Living with local families allowed the students to further enhance their Spanish language skills.

A learning partnership

The trip was part of the WCC Study Abroad program, in partnership with AHA International, an academic



program of the University of Oregon. WCC also offers a Global Studies Associate in Arts degree with an open, inclusive, international perspective through the study of human cultures, history, and language.

Andressa DaSilva is studying business at WCC with plans to go into international business. "This trip helped open my mind

to new cultures. It also helped my study habits because of the accelerated courses I took."

"There were so many reasons why our students wanted to go on this trip," said Nancy Ferrario, WCC Spanish instructor and Study Abroad advisor. "For some they had always dreamt of traveling, others wanted to learn about

New at WCC

Last fall, Washtenaw Community College introduced a new Associate of Arts transfer program in Global Studies. Students seeking careers in fields such as international business and banking, trade administration, import compliance, global marketing, or foreign service will develop a unique, international perspective through the study of human cultures, history, and languages.

Learn more at
www.wccnet.edu/programs

another culture, and others wanted to improve their Spanish. Our students really showed an interest in learning."

Switching Gears

Student lands on right path with automation technology

Tim Turner has been a photographer, a videographer, a gunsmith, a retail manager, a restaurant manager and more. Last year he realized he had “become redundant” at his job and knew it was time to find something that would finally lead to a fulfilling career.

Doing research

Instead of jumping into yet another job, Turner made appointments to talk to instructors, counselors, and the Career Services staff at Washtenaw Community College.

“I made a list of questions to ask each person I spoke with: ‘Tell me the state of the industry. What is the pay like? What does it take to get into this field?’ I ended up with Automation Technology, which is a rapidly growing field,” says Turner. “I like to look at an object and know that I made it.”

Through the WCC Career Services department, Turner learned about a grant sponsored by the Department of Defense that the college received. It covered his tuition for a full semester. He has also received WCC Foundation

scholarships that covered additional semesters.

The right path

Turner, a resident of Clinton, has enjoyed the experience of coming back to school at this point in his life.

“I wasn’t nervous at all about sitting in a college classroom at 48. At WCC there are students of all ages and it is extremely rare that there aren’t other students my age in my classes,” he says. “I try and show my enthusiasm for learning and hope it rubs off.”

Turner quickly got a job, while still in school, at Hines

Industries building and balancing machines.

“At 48 I have completely reinvented myself. It feels good and I know I am on the right path,” says Turner.

Adult Learners:

Turner has advice for other students thinking about coming back to the classroom, whether it has been a few years or a few decades.

“I wasn’t nervous at all about sitting in a college classroom at 48. At WCC there are students of all ages and it is extremely rare that there aren’t other students my age in my classes.”

- Take only one class the first semester so you won’t get overwhelmed and can concentrate on doing well.
- Learn about all the grants and scholarships you may be eligible for. College can be very affordable.
- Take advantage of all the support the college has to offer such as computer labs and tutors.
- If you have a job, look into all the evening and weekend classes WCC has to offer. It is possible to keep a job while going to school.



Entrepreneurial Spirit

Digital media arts students
spring into business

Entrepreneurship@WCC

WCC hosts The Small Business Technical Development Center (SBTDC) which provides assistance with market research, training, and business counseling. SBTDC helps business owners search for loans, write business plans, understand merchandising, and explore market strategies.

A program of the Small Business Administration, the SBTDC has been affiliated with WCC for more than 15 years and is one of 10 regional offices throughout Michigan. In addition, WCC's Business Department offers three credit courses to help entrepreneurs define, plan and start businesses:

BMG 101 Entrepreneurship I:
Finding Your Opportunity

BMG 109 Entrepreneurship II:
Starting Your Business

BMG 209 Entrepreneurship III:
Running and Growing Your Business

Learn more at www.wccnet.edu

Many students at Washtenaw Community College have long had aspirations of starting businesses, and now a new partnership is there to help.

With a shared vision of providing affordable creative services to the community and supporting students wishing to start businesses WCC, Ann Arbor SPARK, and the Eastern Leaders Group have recently come together to start the SPRING Creative Group. Under this cutting-edge project, talented students from the graphic and web programs at WCC establish businesses that provide a variety of branding, print and web development services to the local business community.

Ingrid Ankerson, WCC Media Arts faculty member, supports

this project because of the opportunity it provides her students. "We consistently produce exceptional designers and developers who unquestionably have the design chops to succeed, but haven't necessarily been educated in the business of the business," she says. "I love the idea of coaching our students through the whole picture—how to establish a business, write contracts, manage money, and how to find and interact with clients—so that after they're done 'incubating' they're a complete entity, ready to serve the public."

Meet the team

Tim Deglopper, Christopher Collins, and Craig Salajan absolutely have the chops to succeed, which is why they were selected to be the initial

SPRING Creative Group team. They've been busy setting a solid business foundation by working with an attorney and an accountant, and learning how to conduct market research. The team developed their own brand, including the SPRING Creative Group logo, business cards and website and have space at SPARK East, in the heart of Ypsilanti's downtown business district.

WCC support continues

Several instructors from WCC's Digital Media Arts program were instrumental in designing the structure that has become the SPRING Creative Group. From helping to establish the types of services that should be offered to hand-selecting the first group of students, the WCC faculty have guided the program. As the SPRING team

has eased into taking on client work, they continue to receive support and mentorship from their instructors at WCC.

This guidance has also led the team to get out into the community as they work on developing their businesses. Kristine Willimann, Graphic Design faculty, stresses that "Starting a business is one thing; sustaining your business in order to make a living is another. It is tremendously difficult for graphic designers to start a business fresh out of school without agency experience or connections. I encourage all of my students to attend industry events, join business and design organizations, and meet and mingle with as many people as possible."



WCC Winter Classes Begin January 13

Register for Winter Semester **NOW!**

Finding the right
class – at the right
time and place –
is easy

What do you want to study?

Whatever your interests, you'll probably find a WCC class on that topic.

When do you want to study?

WCC offers flexible classroom options – study on campus, online, or choose a blended class that combines online and in-class instruction.

Where do you want to study?

If you prefer classroom learning, pick the location most convenient for you: our main campus in Ann Arbor; our extension centers in Brighton, Hartland, and Dexter; or another community location.

WCC Winter 2014 Course Listings

This list of classes gives you an idea of what WCC offers – find a full list at www.wccnet.edu/schedule

Computer Technologies and Business

Business		Advanced Keyboarding	BOS 101C	Introduction to Paralegal Studies	BOS 211
Accounting		Electronic Planning, Sharing and Organization	BOS 106	Medical Office Procedures	BOS 223
Accounting Practices for Business	ACC 100	Word Processing and Document Formatting I	BOS 157	Medical Office Insurance and Billing	BOS 224
Payroll Accounting	ACC 110	Medical Office Communication	BOS 175	Electronic Forms Design	BOS 230
Principles of Accounting I	ACC 111	Database Software Applications	BOS 182	Office Administration	BOS 250
Principles of Accounting II	ACC 122	Spreadsheet Software Applications I	BOS 184	Word Processing and Document Formatting II	BOS 257
Accounting Information Systems	ACC 131	Spreadsheet Software Applications II	BOS 184	Spreadsheet Software Applications II	BOS 284
Intermediate Accounting	ACC 213	Medical Computer Skills and Electronic Health Records	BOS 185	Business Management	
Managerial Cost Accounting	ACC 225	Personal Management Application and Internet Resources	BOS 206	Entrepreneurship I: Finding Your Opportunity	BMG 101
Tax		Presentation Software Applications	BOS 207	Entrepreneurship II: Starting Your Business	BMG 109
Business Office Systems		Desktop Publishing for the Office	BOS 208	Business Law I	BMG 111
Introduction to Keyboarding	BOS 101A	Medical Transcription	BOS 210		
Intermediate Keyboarding	BOS 101B				

WCC Has the Programs You Want!

WCC offers an impressive list of more than 120 different programs of study. There are choices you may not even have imagined!

Get trained for a career you can start right away, or get your associate degree here and transfer to a four-year institution.

Here's an idea of what you can study at Washtenaw Community College. Go to www.wccnet.edu/programs to find the full list and learn more.

Computer Technologies and Business

Business:

Accounting
Administrative Assistant
Business
Office Administration
Sales and Marketing
Medical Billing and Coding

Computer:

Networking
Programming
Computer Science
Security
Software
Systems Technology

Digital Media Arts:

3D Animation
Graphic Design
Photographic Imaging and Technology
Video Production
Web Application Developer
Web Graphic Design
Web Technology

Management:

Entrepreneurship
Human Resources
Retail
Supply Chain
Culinary and Hospitality

Humanities and Social Sciences

Behavioral Sciences:

Addiction Studies
Education
Human Services
Liberal Arts Transfer

English:

Journalism
Technical Communication
Liberal Arts Transfer

Foreign Language:

Global Studies
Liberal Arts Transfer

Humanities:

Broadcast Arts
Film Studies
Liberal Arts Transfer

Performing Arts:

Fine and Performing Arts
Music Production and Engineering

Social Sciences:

Liberal Arts Transfer

Culinary Careers

Culinary Arts:

Baking and Pastry
Culinary Arts
Culinary and Hospitality Management

Math, Science and Health

Health Care:

Clinical Medical Assistant
Computed Tomography
Dental Assisting
Health Care Foundations
Health Program Preparation
Mammography
Nursing and Health Science
Nursing Assistant
Pharmacy Technology
Physical Therapist Assistant
Radiography
Surgical Technology

Science and Math:

Exercise Science
General Studies in Math and Science
Math and Science
Environmental Science

Public Service Careers

Child Care:

Care Professional
Education
Development

Criminal Justice:

Law Enforcement
Police Academy

Trades and Related Technologies

Automotive and Motorcycle:

Auto Body Repair
Automotive Service
Collision
Custom Cars
Fabrication and Chassis Design
Motorcycle Service

Construction:

Cabinetmaking
Commercial Property Maintenance
Construction Technology
Management
Sustainable building Practices

Heating, Ventilation, Air Conditioning, and Refrigeration (HVACR):

Commercial
Industrial
Residential
Sustainable Technologies in HVACR

Industrial Technology:

Automation
Fluid Power
Electronics Technology
Machine Tool Technology
Numerical Control Programming

Welding and Fabrication:

Welding
Welding Mechanics

Investment Strategies	BMG 130	Business Communication	BMG 207	Business and Supply Chain Analytics	BMG 275
Introduction to Business	BMG 140	Merchandising and Inventory Management	BMG 211	Performance Management	BMG 279
Labor Management Relations	BMG 150	Principles of Finance	BMG 220	Project Management	BMG 291
Business on the Internet	BMG 155	Transportation Management	BMG 226	Supply Chain Field Studies	BMG 295
Principles of Sales	BMG 160	Purchasing and Supply Management	BMG 227	Computers	
Business Management Co-op Education I	BMG 174	Management Skills	BMG 230	Computer Information Systems	
Introduction to Logistics and Supply Chain Management	BMG 180	Human Resources Management	BMG 240	Computer Skills for Beginners	CIS 099
Relationship Skills in the Workplace	BMG 200	Principles of Marketing	BMG 250	Introduction to Computer Productivity Applications	CIS 100
Creating the Customer Experience	BMG 205	Business Statistics	BMG 265	Introduction to Computer Info Systems	CIS 110
Retail Principles and Practices	BMG 206	Managing Operations	BMG 273	Windows Operating System	CIS 117
		BMG Co-op Education II	BMG 274	Linux/UNIX I: Fundamentals	CIS 121

Apply and register now!

- Complete your application in just 10-15 minutes: go to www.wccnet.edu/apply
- Once you're admitted, register through your *MyWCC* student account. Dates, times, and locations of Winter classes are available at www.wccnet.edu/schedule
- **Helpful staff at the Student Connection are available to answer your questions!** Call us at 734-973-3543 or visit us on the 2nd floor of the Student Center building.

Introduction to PowerShell	CIS	161
CIS Co-op Education I	CIS	174
Linux/UNIX II: Basic System Administration, Networking, and Security	CIS	206
Linux/UNIX III: Intermediate System Administration, Networking, and Security	CIS	208
Linux/UNIX Programming and Scripting I	CIS	221
Relational Database Concepts and Application	CIS	282

Computer Networking Technology

Administering Microsoft Windows Client Operating Systems	CNT	201
Internetworking I - Fundamentals	CNT	206
Installing and Configuring Windows Server 2012	CNT	211
Internetworking II - Routers	CNT	216
Administering Windows Server 2012	CNT	223
Configuring Advanced Windows Server 2012 Services	CNT	224
Internetworking III - Switches	CNT	226
Internetworking IV - WANS	CNT	236

Computer Science

Introduction to Computer Science	CPS	120
Introduction to Programming with Java	CPS	161
Introduction to Programming with C++	CPS	171
Android Programming Using Java	CPS	251
Advanced Java Concepts	CPS	261
Object Features of C++	CPS	271
Data Structures of C++	CPS	272
Web Programming Using Apache, MySQL, and PHP	CPS	276
Advanced C#.Net and ASP.Net	CPS	295

Computer Systems Security

Computer Security II	CSS	200
Computer Security III	CSS	205
Computer Security IV	CSS	210

Computer Systems Technology

Microsoft Command Line Fundamentals	CST	118
Computer Technology I	CST	160
Computer Technology II	CST	165
PC Networking	CST	225
Data Recovery and Analysis	CST	270
Data Recovery and Forensics	CST	275

Internet Professional

building a Web Site	INP	140
Web Coding I	INP	150
Designing User Experience I	INP	153
Interaction Design I	INP	154
Web Coding II	INP	170
Designing User Experience II	INP	203
Web Analytics and SEO	INP	233
Interaction Design II	INP	254
Introduction to Web Programming	INP	261

Animation, Graphic Design, Photography, and Video Production

Animation

Concept Development for Animation	ANI	145
3D Animation I: Modeling	ANI	150
Textures and Studio Lighting for Animation	ANI	155
Fundamentals of Movement and Animation	ANI	160
Introduction to Compositing and Visual Effects	ANI	235
3D Animation III	ANI	260

Graphic Design Technology

Typography I	GDT	100
History of Graphic Design	GDT	101
Introduction to Graphic Design	GDT	104
Illustrator Graphics	GDT	106
InDesign	GDT	107

Photoshop Graphics	GDT	108
Principles and Problem Solving in Graphic Design	GDT	112
Screen Printing	GDT	151
Typography II	GDT	215
Publication Design	GDT	220
Advanced Digital Studio	GDT	252
Professional Practices	GDT	290

Photography

History of Photography	PHO	103
Introduction to the Darkroom	PHO	110
Photography I	PHO	111
Studio Portraits	PHO	116
Introduction to the Studio	PHO	117
Darkroom Techniques	PHO	122
Digital Photo Imaging I	PHO	127
Black and White Digital Imaging	PHO	129
Color Photo Design	PHO	204
Alternative Processes	PHO	210
Large Format Photography	PHO	211
Advanced Studio Techniques	PHO	220
Digital Photo Imaging II	PHO	228
Portfolio Projects	PHO	230
Portfolio Seminar	PHO	231

Video Production

Foundations in Digital Video I	VID	105
Foundations Digital Video II	VID	125
Web Video	VID	203
Green Screen I	VID	255
Video Graphics I	VID	276
Portfolio and Project Seminar	VID	295



Humanities and Social Sciences

Behavioral and Social Sciences

Anthropology

Introduction to Cultural Anthropology	ANT	201
Introduction to Physical Anthropology	ANT	202
Introduction to Archaeology	ANT	205

Economics

Introduction to Economics	ECO	110
Principles of Economics I	ECO	211
Principles of Economics II	ECO	222

Human Services Worker

Introduction to Human Services	HSW	100
Interviewing and Assessment	HSW	200
Family Social Work	HSW	225
Field Internship and Seminar I	HSW	230

Political Science

Introduction to American Government	PLS	112
Introduction to Comparative Government	PLS	211
Politics and the Media	PLS	220

Psychology

Introduction to Psychology	PSY	100
African-American Psychology	PSY	107
Psychology of Parenting	PSY	117
Psychology of Work	PSY	150
Child Psychology	PSY	200
Life Span Developmental Psychology	PSY	206
Behavior Modification	PSY	210
Human Development and Learning	PSY	220
Drugs, Society and Human Behavior	PSY	240
Education of Exceptional Children	PSY	251
Abnormal Psychology	PSY	257
Introduction to Human Sexuality	PSY	260

Sociology

Principles of Sociology	SOC	100
Criminology	SOC	202
Race and Ethnic Relations	SOC	205
Social Problems	SOC	207
Group Dynamics and Counseling	SOC	220
Family Social Work	SOC	225
Juvenile Delinquency	SOC	250

English, Communication, and Journalism

English

Basic Writing I	ENG	050
Basic Writing II	ENG	051
Writing Fundamentals I	ENG	090
Writing Fundamentals II	ENG	091

Introduction to Technical and Workplace Writing	ENG	100
Technical Writing I	ENG	107
Composition I	ENG	111
Horror and Science Fiction	ENG	140
Introduction to Literature: Poetry and Drama	ENG	160
Introduction to Literature: Short Story and Novel	ENG	170
African-American Literature	ENG	181
Shakespeare	ENG	200
Technical Writing III	ENG	209
Literature of the Non-Western World	ENG	214
American Literature II - 1900 to the Present	ENG	222
Composition II	ENG	226
Children's Literature	ENG	240
Multicultural Literature for Youth	ENG	242
Job Search Success Seminar	ENG	245
Journal Workshop I	ENG	260
Journal Workshop II	ENG	261
Creative Writing I	ENG	270
Creative Writing II	ENG	271

Communication

Fundamentals of Speaking	COM	101
Interpersonal Communication	COM	102
Introduction to Mass Communication	COM	130
Oral Interpretation of Literature	COM	142
Introduction to Radio Production	COM	150
Voice and Articulation	COM	160
Advanced Radio Production	COM	170
Family Communication	COM	200
Nonverbal Communication	COM	210
Intercultural Communication	COM	225
Broadcast Arts Internship	COM	240

Journalism

Introduction to Journalism	JRN	111
Introduction to Copy Editing	JRN	210
Introduction to Digital Journalism	JRN	220

Academic Skills and Reading

Academic Skills

Success Skills Workshop	ACS	065
Student Success Seminar	ACS	095
Academic Skills Seminar	ACS	101
College Reading and Study Skills	ACS	107
Critical Reading and Thinking	ACS	108
College Success Seminar	ACS	111

Career Planning Seminar	ACS	121
Career Decision Making	ACS	122
Information Literacy	ACS	123

Reading

Reading Comprehension I	REA	070
Reading Comprehension II	REA	071

History, Humanities and Philosophy

History

Western Civilization I	HST	121
Western Civilization II	HST	122
The Twentieth Century	HST	123
African American History	HST	150
United States History to 1877	HST	201
United States History Since 1877	HST	202
U.S. Women's History	HST	210
History of U.S. Foreign Relations	HST	215
The Civil War Era, 1845-1877	HST	220
History of the Holocaust	HST	230
African History	HST	235
War in the Modern World, 1500 - Present	HST	251

Humanities

Introduction to the Humanities - Ancient to Medieval	HUM	101
Introduction to the Humanities - Renaissance to Modern	HUM	102
Introduction to the Humanities - 20th Century to Present	HUM	103
Introduction to Film	HUM	120
Comparative Religions	HUM	145
Mythology	HUM	146
International Cinema	HUM	150
American Film	HUM	160
The Horror Film	HUM	185

Philosophy

Introduction to Philosophy	PHL	101
Critical Thinking	PHL	123
Existentialism	PHL	200
Ethics	PHL	205
Ethical and Legal Issues in Health Care	PHL	244
Philosophy of Religion	PHL	245
Logic	PHL	250

Foreign Languages

Arabic

First Year Arabic II	ARB	122
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French

Beginning Conversational French I	FRN	109
First Year French II	FRN	122

German	
Beginning Conversational German I	GRM 101
First Year German II	GRM 122

Spanish	
Beginning Conversational Spanish I	SPN 101
First Year Spanish I	SPN 111
First Year Spanish II	SPN 122
Second Year Spanish I	SPN 201
Second Year Spanish II	SPN 202
Second Year Spanish for Business	SPN 205

Fine and Performing Arts
Art

Introduction to Studio Art	ART 101
Three-Dimensional Design	ART 108
Basic Drawing I	ART 111
Basic Design I	ART 112
Painting I	ART 114
Ceramics I	ART 121
Basic Drawing II	ART 122
Painting II	ART 125
Life Drawing I	ART 127
Ceramics II	ART 128
Life Drawing II	ART 129
Art Appreciation	ART 130
Ceramics III	ART 136
African American Art and Culture	ART 143
Monuments and Cultures	ART 150
Self-Management for Working Artists	ART 285

Dance	
Beginning Modern Dance I	DAN 101
Beginning Modern Dance II	DAN 102
Beginning Ballet I	DAN 107
Beginning Ballet II	DAN 108
Hip Hop Dance	DAN 111
Hip Hop Dance II	DAN 112
Ballroom Dance I	DAN 122
Dance Exercise I	DAN 123
Dance Appreciation: The World of Dance	DAN 180
Ballroom Dance II	DAN 222
Dance Exercise II	DAN 223

Drama	
Acting I	DRA 152
Improvitational Acting for the Theatre	DRA 204
Acting II	DRA 208
Acting III	DRA 240

Music and Music Production/Engineering

Music	
Top 40 Combo	MUS 104
Basic Combo and Improvisation	MUS 105
Jazz Combo and Improvisation	MUS 106

Washtenaw Community Concert Band	MUS 112
Beginning Guitar	MUS 133
Intermediate Guitar	MUS 134
Gospel Chorus	MUS 136
Music Theory I	MUS 140
Music Theory II	MUS 142
Songwriting I	MUS 146
Entertainment Law	MUS 147
Functional Piano I	MUS 154
Music Appreciation: Our Musical World	MUS 180
Functional Piano II	MUS 155

Voice I	MUS 204
Voice II	MUS 205
Self Management for Working Artists	MUS 285

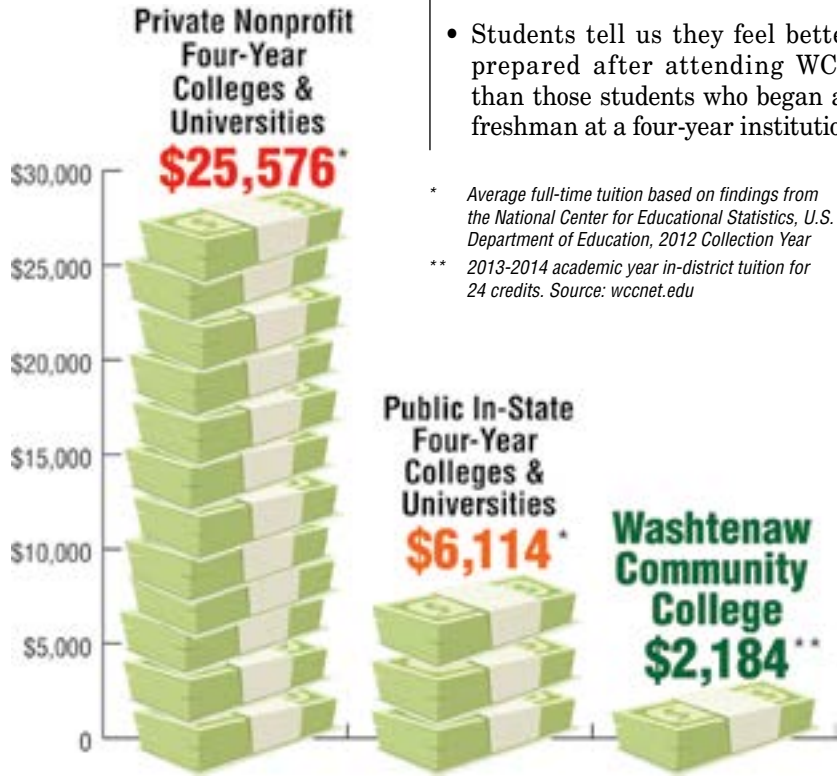
Music Production and Engineering	
Music Sequencing and Programming	MUS 162
Club DJ Mixing and Performance	MUS 165
Computer Applications in Music	MUS 170
Audio Recording Technology I	MUS 175
Music Producing and Arranging	MUS 245
Mixing and Mastering	MUS 247
Sound Reinforcement for Stage	MUS 248
Audio Recording Technology II	MUS 275

Get the best value for your dollar

WCC students pay thousands less in tuition than students at private and public four-year colleges and universities. On top of that, you can save on dorm expenses by living at home. You can save on commuting costs by attending a college near where you live. And, parking at WCC is free!

- Start at WCC and remain here through the completion of a degree or certificate, and you may save enough to cover the tuition costs of your junior year at a four-year university

- Get the benefit of small classes – WCC’s average class size is 23, the lowest of local area colleges and universities
- Attentive faculty and top-rate support services help you achieve your best
- We update our curriculum to reflect the changing needs of today’s employers, and we are continually renovating our facilities to offer you the latest in labs, equipment, and technology
- Students tell us they feel better prepared after attending WCC than those students who began as freshman at a four-year institution



Culinary Careers



Culinary Arts		
Introduction to Food Service and Hospitality Industry	CUL 100	Bakery Management and Merchandising CUL 140
Baking Science	CUL 104	Introduction to Dining Room Protocol CUL 145
Sanitation and Hygiene	CUL 110	Food Service Management and Supervision CUL 150
Fundamentals of Baking	CUL 114	CUL Co-op Education I CUL 174
Fundamentals of Pastry	CUL 115	Principles of Cost Control CUL 224
Fundamental Culinary Principles	CUL 116	Advanced Dining Room and Beverage Management CUL 226
Principles of Nutrition	CUL 118	Advanced Culinary Techniques CUL 227
Classical Kitchen Operations	CUL 120	Advanced Kitchen Operations: American Regional CUL 230
Modern Kitchen Operations	CUL 121	Advanced Kitchen Operations: Global Cuisine CUL 231
Basic Cake and Wedding Cake Design	CUL 132	

Math, Science, and Health

Health Care	
Clinical Medical Certification	
Clinical Application Skills	CMC 116
Human Disease and Pharmacology	CMC 121
Bench Test and Laboratory Procedures	CMC 230



Dental Assisting	
Preventive Dentistry	DEN 118
Oral Diagnosis	DEN 120
Dental Radiography Practicum	DEN 128
Oral Pathology and Dental Therapeutics	DEN 129
Clinical Practice	DEN 130
Principles of Dental Specialties	DEN 131
Study Problems	DEN 189
Advanced Functions	DEN 204
Alternative Dental Assisting Education Project	DEN 230

Health Information Technology	
Healthcare Terminology for the Health Information Technology Professional	HIT 101
Introductory ICD Coding	HIT 205
Introductory Procedural Coding	HIT 215

Health Science	
Basic Nursing Assistant Skills	HSC 100
Healthcare Terminology	HSC 101

Clinical Procedures for Administrative Medical Assistants	HSC 115
Phlebotomy for Healthcare Professionals	HSC 116
CPR/AED for the Professional Rescuer and First Aid	HSC 131
General and Therapeutic Nutrition	HSC 138
Growth and Development	HSC 147

Nursing	
NCLEX-RN Preparation	NUR 039
Fundamentals of Nursing	NUR 102
Fundamentals of Nursing - Lab and Clinical Practice	NUR 106
Pharmacology	NUR 115
Medical-Surgical Nursing I	NUR 123
Medical-Surgical Nursing I - Clinical Practice	NUR 124
Health Promotion and Risk Reduction	NUR 130
Nursing of the Childbearing Family	NUR 131
Nursing of the Childbearing Family - Clinical Practice	NUR 132
Health Assessment Throughout the Lifespan	NUR 222
Medical-Surgical Nursing II	NUR 223
Medical-Surgical Nursing II - Clinical Practice	NUR 224
Nursing of Children	NUR 231
Nursing of Children - Clinical Practice	NUR 232
Mental Health Nursing	NUR 255
Mental Health Nursing - Clinical Practice	NUR 256
Medical-Surgical Nursing III	NUR 283
Medical-Surgical Nursing III - Clinical Practice	NUR 284

Pharmacy Technology	
Pharmacology for Pharmacy Technicians	PHT 101
Introduction to Pharmacy Technology	PHT 106

Pharmacy Experience	PHT 198
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Physical Therapist Assistant	
Introduction to Physical Therapy	PTA 102
Therapeutic Procedures II	PTA 160
Introduction to Disease	PTA 195
Therapeutic Modalities	PTA 200
Therapeutic Exercise I	PTA 220
Clinical Education I	PTA 230
Clinical Education III	PTA 250
Clinical Concepts	PTA 280



Radiography	
Introduction to Diagnostic Imaging	RAD 100
Clinical Education	RAD 120
Radiographic Positioning II	RAD 123
Radiography of the Skull	RAD 215
Sectional Anatomy	RAD 223
Clinical Education	RAD 225
Radiographic Quality Assurance	RAD 226
Principles of Computed Tomography (CT)	RAD 262
Advanced Computed Tomography (CT) Imaging	RAD 266
Computed Tomography (CT) Clinical Education II	RAD 267

Math and Science

Astronomy	
Backyard Astronomy	AST 100
General Astronomy	AST 111

Biology	
Concepts of Biology	BIO 101
Human Biology	BIO 102
Biology of Exercise	BIO 104
Essentials of Human Anatomy and Physiology	BIO 109
Introduction to Exercise Science	BIO 110
Anatomy and Physiology - Normal Structure and Function	BIO 111
Introduction to Nutrition, Exercise and Weight Control	BIO 142
Hospital Microbiology	BIO 147
General Biology I Ecology and Evolution	BIO 161
Anatomical Studies	BIO 199
Genetics	BIO 208
Pathophysiology: Alterations in Structure and Function	BIO 212
Cell and Molecular Biology	BIO 215
Tests and Measurements in Exercise Science	BIO 225
Biology of Animals	BIO 227
Microbiology	BIO 237



Chemistry	
Introductory Chemistry	CEM 090
Chemistry for Elementary Teachers	CEM 102
Fundamentals of Chemistry	CEM 105
General Chemistry I	CEM 111
General Chemistry II	CEM 122
Organic Biochemistry	CEM 140
Organic Chemistry I	CEM 211
Organic Chemistry II	CEM 222

Environmental Science	
Environmental Science I	ENV 101
Introduction to Environment and Society	ENV 105
Environmental Science II	ENV 201

Geology	
Introduction to Earth Science	GLG 100
Weather	GLG 104
Physical Geology	GLG 114
Earth Science for Elementary Teachers	GLG 202
Principles of Geographic Information Systems	GLG 276

Mathematics	
Foundations of Numeracy	MTH 034
Foundations of Mathematics	MTH 067
Foundations of Algebra	MTH 097
Everyday College Math	MTH 125
Functional Math for Elementary Teachers I	MTH 148
Functional Math for Elementary Teachers II	MTH 149
Basic Statistics	MTH 160
Math Applications for Health Science	MTH 167
Intermediate Algebra	MTH 169
Math for Beginning Programmers	MTH 170
College Algebra	MTH 176
General Trigonometry	MTH 178
Precalculus	MTH 180
Mathematical Analysis I	MTH 181
Calculus I	MTH 191

Calculus II	MTH 192
Linear Algebra	MTH 197
Calculus III	MTH 293
Differential Equations	MTH 295

Physics	
Physics for Elementary Teachers	PHY 100
Conceptual Physics	PHY 105
General Physics I	PHY 111
General Physics II	PHY 122
Analytical Physics I	PHY 211
Analytical Physics II	PHY 222

Science	
The Nature of Science	SCI 101
Applied Science	SCI 102

Health and Fitness	
Physical Education	
Health and Fitness Experience	PEA 115

Yoga	
Yoga I	YOG 101
Yoga II	YOG 102

We can accommodate your unique needs

Whatever your background, whatever your needs, WCC has you covered:

Free tutoring services/disability accommodations:
734-973-3342 / Rm. 104, 1st floor Crane Liberal Arts & Science building

Veteran services:
734-477-8560 / Veterans Center, 2nd floor Student Center building

Support for international students:
734-677-5158 / International Center, 2nd floor Student Center building

Student activities for all ages and abilities:
734-973-3500 / Student Activities, 1st floor Student Center building

GED Preparation plus college and job-readiness support:
734-677-5006 / Adult Transitions (in Counseling), 2nd floor Student Center building

Public Service Careers

CDA Assessment Preparation	CCP 124
Child Development Practicum I	CCP 132
Child Development Practicum II	CCP 133
Working with Families in a Diverse Society	CCP 200
The Developing Professional in Early Childhood Education	CCP 204
Practicum for the Developing ECE Professional	CCP 205
Curriculum for Young Children	CCP 209
Child Guidance and Classroom Management	CCP 210
Administration of Child Care Programs	CCP 211
Advanced Child Care Seminar	CCP 218
Advanced Child Care Practicum	CCP 219
Education of Exceptional Children	CCP 251



Child Care Careers	
Child Care Professional	
Child Development	CCP 101
Essentials of Early Care and Education - I	CCP 122
Essentials of Early Care and Education - II	CCP 123

Criminal Justice Careers	
Criminal Justice	
Introduction to Criminal Justice	CJT 100
Police/Community Relations	CJT 111
Criminal Justice Ethics	CJT 120
Everyday Law II: Civil Law, Liabilities and You	CJT 155
Criminal Justice Constitutional Law	CJT 160
On the Job Training	CJT 199
Criminal Evidence and Procedure	CJT 208
Criminal Law	CJT 209
Juvenile Justice	CJT 223
Criminal Investigation	CJT 224
Seminar in Criminal Justice	CJT 225

Trades and Related Technologies

Automotive and Motorcycle	
Auto Body Repair	
Introduction to Auto Body Repair	ABR 111
Introduction to Automotive Refinishing	ABR 112
Estimating and Shop Operations	ABR 113
Applied Auto Body Welding	ABR 114
The Evolution of the Automobile	ABR 116
The Art of Metal Shaping	ABR 119
Technical Auto Body Repair	ABR 123
Technical Automotive Refinishing	ABR 124
Custom Painting	ABR 130
Collision-Related Mechanical and Electrical Repairs	ABR 135
Special Topics	ABR 164
ABR Co-op Education I	ABR 174
Advanced Auto Body V: Advanced Auto Refinish Applications	ABR 230
Project Management and Implementation in Auto Body	ABR 231
ABR Co-op Education II	ABR 274



Automotive Service	
Automotive Service I	ASV 151
Automotive Service II	ASV 152
Automotive Service III	ASV 153
Automotive Service IV	ASV 154
Automotive Service V	ASV 155
Repair Facility Operations and Advising	ASV 157
Engine Diagnosis and Repair	ASV 251
Suspension and Steering	ASV 254
Brakes	ASV 255
Electrical and Electronic Systems	ASV 256
Heating and Air Conditioning Systems	ASV 257
Engine Drivability	ASV 258
Diesel Technology	ASV 262
Performance Automotive	ASV 269

Custom Fabrication	
Custom Fabrication and Chassis Design II	CCC 221
Custom Auto Body Technician III	CCC 240



Motorcycle Service	
Motorcycle Service Technology I	MST 110
Motorcycle Service Technology II	MST 120
Motorcycle Service Technology III	MST 130
Motorcycle Service Technology IV	MST 140
Performance Engine Technology	MST 210
Dynamometer Operations	MST 220
Advanced Dynamometer Tuning Systems	MST 225
Advanced Motorcycle Fabrication	MST 230
Advanced Motorcycle Fabrication II	MST 235



Construction

Construction Management

Construction Site Safety and OSHA Regulations	CMG 130
Construction Graphics	CMG 170
Construction Systems	CMG 200

Construction Technology

Construction Framing I	CON 104
Construction Framing II	CON 105
Introduction to Construction Technology	CON 108
Commercial building Maintenance I	CON 141
Commercial building Maintenance III	CON 147
Cabinetry and Millwork I	CON 170
Cabinetry and Millwork II	CON 173
Introduction to Green building	CON 180
Construction Finishes - Exterior	CON 205
Construction Licensing, Contracts, and Start Up	CON 220
Construction Production	CON 230
Construction - building Codes and Prints	CON 235
Construction - Advanced Finishes and Techniques	CON 240
Construction Mechanicals	CON 270
Cabinetry and Millwork IV	CON 275

Electricity/Electronics

Renewable Energy Technology	ELE 106
Electrical Fundamentals	ELE 111
Motors and Controls	ELE 134
National Electrical Code	ELE 204
Basic Electronics	ELE 211
Introduction to PLCs	ELE 224
PLC Applications	ELE 254

Need help with your English language skills?

If English is not your native language and you wish to improve your language skills, we're here to help. Call or visit

Student Connection, our information center (2nd floor Student Center building / 734-973-3543).

High Beginning ESL Reading and Writing	ENG 023	Intermediate ESL Reading I	ENG 033
High Beginning ESL Grammar and Communication	ENG 024	Intermediate ESL Reading II	ENG 034
High Beginning ESL Listening and Speaking	ENG 025	English Pronunciation and Conversation (ESL)	ENG 035
Low Intermediate ESL Reading and Writing I	ENG 027	Intermediate ESL Writing I	ENG 037
Low Intermediate ESL Reading and Writing II	ENG 028	Intermediate ESL Writing II	ENG 038
Intermediate ESL Grammar I	ENG 030	Advanced ESL Grammar I	ENG 060
Intermediate ESL Grammar II	ENG 032	Advanced ESL Grammar II	ENG 061
		Advanced ESL Speaking and Listening	ENG 065



Heating, Ventilation, Air Conditioning and Refrigeration

Heating, Ventilation, Air Conditioning

Heating, Ventilation and Air Conditioning I	HVA 101
HVAC Sheet Metal Fabrication	HVA 102
Heating, Ventilation, and Air Conditioning II	HVA 103
Residential and Light Commercial Heating Systems	HVA 105
Residential and Light Commercial Air Conditioning Systems	HVA 107
Residential HVAC Competency Exams and Codes	HVA 108
Air System Layout and Design	HVA 202
Refrigeration Systems	HVA 203
Commercial Industry Standards with Competency Exams	HVA 207

Industrial Technology

Advanced Manufacturing Systems

Materials and Processes	AMS 103
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Fluid Power

Fluid Power Fundamentals - I	FLP 101
Fluid Power Fundamentals - II	FLP 110
Fluid Power Motion Control	FLP 225

Machine Tool Technology

Machining for Auto Applications	MTT 102
Machine Tool Skills Laboratory	MTT 105
Machine Shop Theory and Practice	MTT 111
Advanced Machine Tool Operations	MTT 203

Numerical Control Technology

Introduction to Computerized Machining (CNC) - I	NCT 101
Introduction to Computerized Machining (CNC) - II	NCT 110
Manual Programming and NC Tool Operation	NCT 121
Advanced Manual Programming and NC Tool Operation	NCT 221

Robotics

Robotics I - I	ROB 101
Robotics I - II	ROB 110
Robotics II	ROB 212
Robotics IV	ROB 224



Welding

Welding

Introduction to Gas Tungsten Arc Welding	WAF 103
Soldering and Brazing	WAF 104
Introduction to Welding Processes	WAF 105
Blueprint Reading for Welders	WAF 106
Oxy-Fuel Welding	WAF 111
Shielded Metal Arc Welding	WAF 112
Advanced Oxy-Fuel Welding	WAF 123
Advanced Shielded Metal Arc Welding	WAF 124
Layout Theory Welding	WAF 200
Welding Metallurgy	WAF 210
Advanced Gas Tungsten Arc Welding	WAF 215
Specialized Welding Procedures	WAF 226
Basic Fabrication	WAF 227
Shape Cutting Operations	WAF 229
Gas Metal Arc Welding	WAF 288

About \$50 million in financial aid offered each year

Financial aid is money available from federal, state and college sources to help you pay your college tuition and expenses. In general, all U.S. citizens and eligible non-citizens, who are enrolled in an approved degree or certificate program, are eligible to receive some type of financial assistance. In addition, WCC offers several tuition payment plans so that you can stretch your payments over the semester.

- Some financial aid does not have to be repaid

- Apply for a Student Resource and Women's Center scholarship by Nov. 28 at www.wccnet.edu/scholarships
- Other financial aid is in the form of low-interest loans
- WCC's Financial Aid office can answer your questions and help you apply for aid
- For more information on financial aid visit www.wccnet.edu/financialaid or call 734-973-3523

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Transfer guides are based on the official articulation agreements with four-year colleges and universities. Review them to see the full program of study.

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If you are still in high school, you may be able to start earning college credit now. WCC offers classes at many local high schools, on our main campus, and at extension centers around the region. Learn more about dual enrollment and how it can give you a jump-start to college by visiting www.wccnet.edu/dual-enrollment



WCC Winter Semester begins January 13

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WINTER CLASSES INSIDE



What do you call someone who went to WCC?

Employed

