

## Post-Secondary Opportunities Information

### POST-SECONDARY OPPORTUNITIES

- Dual enrollment credits provide a seamless pathway to an Associate in Applied Science (AAS) in Web Design/Development and a Bachelor of Interdisciplinary Studies (BIS) in Industrial Leadership.
- ASU Bachelor of Applied Science (BAS) Degree options
- University of Advancing Technology (UAT)

### COURSES AND CREDITS

#### Estrella Mountain Community College Dual Enrollment Credits available at Northeast and Central Campuses.

##### Dual Enrollment is not available to high school graduates and students with a GED.

- 1st Semester (\$597.00)
  - CIS105 Survey of Computer Information Systems (3 credits) (Yearlong course)
  - CIS133DA Internet Web Development Level 1 (3 credits)
- 2nd Semester (\$306.00)
  - CIS166AA Introduction to Java Script (3 credits)
    - Prerequisite: C or better in CIS133DA
- 3rd and 4th Semesters (\$597.00) (Yearlong courses)
  - CIS150 Programming Fundamentals (3 credits)
    - Prerequisite: CIS105 or permission of instructor/college
  - CIS166AE WebScripting with PHP (3 credits)
    - Prerequisite: C or better in CIS133DA or permission of instructor/college

#### Additional Post-Secondary opportunity available at Northeast and Central Campuses through a partnership with University of Advancing Technology (UAT)

- College course credits include:
  - CIS100-Beginning Web Design
  - CIS240-Building Dynamic Websites
  - CSC102-Intro to Programming
  - CSC211-Intro to Databases
- Credit will be awarded upon acceptance of admission to the University of Advancing Technology. The award of credit is dependent upon UAT policies and degree requirements in place at the time of application. Contact college for more information.

### COST REQUIREMENTS

#### Estrella Mountain Community College Dual Enrollment Credits

- \$15 registration fee per semester
- \$97 per credit hour due soon after classes begin
  - Cost based upon meeting Maricopa residency and U.S. citizen/legal residency criteria (Must complete "Maricopa Community Colleges Student Declaration of Citizenship or Status" form. Visit [www.maricopa.edu/residency](http://www.maricopa.edu/residency))
- For dual enrollment grant availability, check with the Maricopa Community Colleges and West-MEC.
- Courses taken under dual enrollment may impact federal financial aid eligibility. To obtain additional information, students are encouraged to inquire with the college or university where they intend to enroll.

#### University of Advancing Technology (UAT)

- Any student who graduates from high school and completes all courses in the West-MEC Two-Year Coding Program with a B or higher can receive college credits (at no cost).



Program information may change as West-MEC strives to provide the best opportunities for students. Refer to [www.west-mec.edu](http://www.west-mec.edu) for most current information. Program is taught by industry certified instructors. West-MEC does not discriminate on the basis of race, color, national origin, gender, age, or disability in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of their operations.

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### ENROLLMENT INFORMATION

#### Estrella Mountain Community College Dual Enrollment Credits

- Students that withdraw from the West-MEC program may receive college credit based on the number of completed courses.
- In a post-secondary setting, students are responsible for learning the policies of the institution to ensure that credits transfer to fulfill specific degree requirements. Visit [www.aztransfer.com](http://www.aztransfer.com) for Arizona colleges and universities.
- Dual Enrollment credits on each campus may vary based on West-MEC faculty qualifications.

#### University of Advancing Technology (UAT)

- Students must apply within 15 months of graduation and provide the following:
  - Completed High School Student Request for Articulated Credit Form
  - Official high school transcript

**Northern Arizona University Pathway to Bachelor Degree- please see next page**



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**Associate of Applied Science Web Design/Development - to -  
BIS in Technology Management or BSED Career Technical Education 90/30  
Unofficial Degree Worksheet – 2020-2021**

**Web Design/Development Major: [3185](#)**

Course #	Course Title	Credits	Completed
<b>West-MEC courses in GOLD and Estrella Mountain Community College Courses in PURPLE</b>			
CIS 105	Survey of Computer Information Systems	3	
CIS 133DA	Internet/Web Development Level I	3	
CIS 166AA	Introduction to Javascript	3	
CIS 120DF	Adobe Photoshop Level I: Digital Imaging	3	
CIS 136	Content Management Systems: WordPress	3	
CIS 233DA	Internet/Web Development Level II	3	
CIS 235	e-Commerce	3	
<b>TOTAL</b>		<b>21</b>	

**Restricted Electives: Choose Specialization in Web Design OR Web Development**

Web Design			Web Development		
Course #	Course Title	Credits	Course #	Course Title	Credits
ADA/ART 183 OR ART 100 AND ART 181 OR ART 112	Digital Graphic Arts I OR Intro to Digital Arts (1) AND Graphic Design I (3) OR Two-Dimensional Design	3-4	CIS 119DO OR CIS 276	Intro to Oracle: SQL OR Any Database MGT. Systems course	3
CIS 120DA or 120DK	Intro to Digital Video Editing	3	CIS 126DL OR CIS 126RH	Linux Operating System OR Red Hat System Admin.	3
CIS 120 DB	Computer Graphics: Adobe Illustrator	3	CIS 166AE	Web Scripting with PHP	3
CIS 120DC OR CIS 220DF	Adobe Animate OR Adobe Photoshop II	3	Programming Language: Select 2 courses for a total of 6 credits		
CIS 138DA	Desktop Design - Adobe InDesign	3	CIS 150AB, CIS 156, CIS 159, CIS 162++, CIS 163AA, CIS 165++, CIS 262AD, CIS 263AA, OR CIS 265	Object-Oriented, Python, Visual Basic, Any C Programming, Java Level I, Any mobile App Dev., C# Level II, Java Level II, OR Advanced iOS App Dev.	3
Select 2 to 6 credits with program advisor to further develop Adobe, Art, Social Media, Marketing, Business or Multimedia.					3
<b>TOTAL</b>		<b>17-22</b>	<b>TOTAL</b>		<b>18</b>

AGEC Requirements			
Course #	Course Title	Credits	Completed
ENG 101 or ENG 107	English (FYC)	3	
ENG 102 or ENG 108	English (FYC)	3	
COM 225^	Public Speaking (L)	3	
MAT 14x or higher	Math (MA) - Take 4+ credit math class to meet NAU Interdisciplinary requirements.	4-6	
CIS 105 OR BPC 110	Computer/Statistics (CS)	MET	
	Humanities (HU)*	3	
	Humanities (HU)*	3	
	Social & Behavioral (SB)*	3	
COM 100, 110, or 230^	Social & Behavioral (SB)	3	
	Science (SQ)*	4	
	Science (SQ or SG)*	4	
CRE 101 or test exempt	College Critical Reading and Critical thinking or test exempt	0-3	
*Choose 1 course for SB, HU, SQ or SG that meets Cultural (C) and 1 that meets [Historical (H) or Global Awareness (G)] ^COM 225 and COM 100, 110 or 230 are required for NAU's Interdisciplinary Studies Requirement.		<b>TOTAL</b>	<b>33-38</b>

Electives to Reach 90 Credits - Students planning to complete the CTE teacher certification track should complete internship hours.			
		<b>TOTAL</b>	<b>9-19</b>

NOTE: West-MEC dual/concurrent enrollment credits can transfer to any degree at NAU, this is the recommended pathway for students pursuing the AAS in Web Design/Development. West-MEC dual/concurrent enrollment credits will transfer as electives.



Complete only 30 more credits through NAU to earn your bachelors degree. Students can choose between a management track or CTE teacher certification track.

BIS Technology Management 90/30			
Course #	Course Title	Credits	Completed
Northern Arizona University - Online			
BBA 303	Business Management Fundamentals	3	
BBA 305W	Effective Business Communications	3	
BBA 340	Management Information Systems	3	
BBA 350	Professional Practices and Ethics in Information Technology	3	

BBA 355	Management of Information Technology Function	3	
BBA 360	Teams and Project Management	3	
BBA 370	Administration of Information Technology Security and Assurance	3	
BBA 460	Current Topics in Information Technology	3	
BBA 465C	Technology Management Project	3	
BBA Elective	Advisor Approved Elective	3	
<b>Total:</b>		<b>30</b>	

**BSED Career Technical Education 90/30**

Course #	Course Title	Credits	Completed
<b>Northern Arizona University - Online</b>			
CTE 300	Contexts of Career and Technical Education	3	
CTE 396	Community Leadership in CTE	3	
CTE 465	Methods of Career and Technical Education	3	
CTE 433	Program and Curriculum Planning in Career and Technical Education	3	
CTE 340W	REsearch and Development in Career and Technology Education	3	
CTE 495C	Capstone in Career and Technical Education	3	
Choose 12 credits from the following:	<a href="#">CTE 330</a> , <a href="#">CTE 355</a> , <a href="#">CTE 391</a> , <a href="#">CTE 392</a> , <a href="#">CTE 399</a> , <a href="#">CTE 401</a> , <a href="#">CTE 408</a> , <a href="#">CTE 431</a> , <a href="#">CTE 486</a> , <a href="#">CTE 496</a> , <a href="#">CTE 499</a> , <a href="#">CTE 503</a> , <a href="#">CTE 593</a> , including at least one instructional technology course ( <a href="#">CTE 355</a> , <a href="#">CTE 431</a> , <a href="#">CTE 486</a> )	12	
<p><b>NOTE:</b> Students must either complete an internship (CTE 408) or they may transfer internship credit or transfer occupational experience. An accelerated master's degree option is available for eligible students. This allows students to begin their master's coursework while completing their bachelor's degree. Up to 12 credits will double dip in both the bachelor's and master's degrees leaving the student with only 18 credits to complete the MED Career Technical Education.</p>			
<b>Total:</b>		<b>30</b>	

<b>NORTHERN ARIZONA UNIVERSITY 90 credit transfer/30 credits Online with NAU</b>		
Arizona Community College	\$85 per credit hour for 90 credits	\$7,650
Northern Arizona University - Online	\$7,033 (15cr. full-time tuition) for 2 semesters	\$14,066
<b>Total Estimated Tuition for Bachelor's Degree</b>		<b>\$21,716</b>
2NAU Scholarship 3.0 GPA (Joined 2NAU program)	\$1,000 per semester for 2 semesters	-\$2,000
Phi Theta Kappa Scholarship 3.5 GPA (PTK Member)	\$2,000 per semester for 2 semesters	-\$4,000
<b>Total Estimated Tuition for Bachelor's Degree with NAU Transfer Scholarships</b>		<b>\$15,716</b>

Tuition rates based on the 2020/2021 academic year are subject to change. Costs vary based on student schedules, part-time vs. full-time schedules and number of semesters to complete degree.