

### **What are you doing to align the high school experience to the graduate's workplace readiness?**

GCTAA partners with local industry, business and post-secondary organizations to provide students with related industry credentials, dual enrollment opportunities and work-based learning experiences:

- Auto Tech students may earn Workplace Readiness and ASE certifications; dual enrollment credits with NVCC; and 8 week paid summer job internships at local auto dealerships.
- Emergency Medical Tech students may earn CPR/First Aid credential and EMT-b license; dual enrollment credits with NVCC; and experience 10 patient contact hours through ambulance ride-alongs and emergency room rotations at local hospitals.
- Early Childhood Education students may earn Para-Pro certification; dual enrollment credits with NVCC; internship hours at the Career Center Infant Care/Pre-School and Henry Elementary School.

### **How much planning and outreach had to be done to build partnerships with businesses and higher education?**

The superintendent, principal, director, and teachers meet with local businesses and workforce industry organizations to develop work based opportunities for the students. In partnership with the Executive Director of the Workforce Innovation Opportunity Act, Dave Remick, current in demand jobs are identified and related local industry organizations and businesses are matched as potential partners with existing Career and Technical Education programs. Individual meetings and focus groups connect local industry organizations and businesses with teachers and administrators. Partnerships are further developed with class visits, job shadowing, and may culminate in an onsite extended internship or work-based experience.

Through the NVCC dual enrollment liaison and in house NVCC career counselor new dual enrollment courses are added each year to match the identified workforce areas that are currently in demand and are projected to grow in the future.

### **How would these practices inform and develop a Profile of a Graduate?**

- Industry credentials validate the skills required for specific career pathways;
- Dual enrollment credits provide students with a jumpstart to post-secondary education;
- Dual enrollment is a cost-saving opportunity for students who pursue higher education;
- Work-based learning equips students with authentic experiences which develop both their soft skills, hard skills and a passion for continued learning.

### **What policy levers should the Board use/revise to achieve this?**

- Allow each district flexibility, within a clear over-arching structure, to move forward and progress at a pace that works for them
- Identify changes in SOA and SOQ to increase district-level flexibility concerning
  - Staffing and hiring
  - Awarding of credit
  - Curriculum development
  - Alternative assessments
- Provide tax incentives for businesses to participate in work-based learning opportunities for students.

**Arlington Career Center**  
**Dual Enrollment Courses and Pathways**

<b>Engineering</b>			
<b>Courses</b>	<b>Dual Enrolled</b>		<b>Next Steps at NOVA</b>
<b>CTE Sequence:</b> * and ** (2 levels or 2-1 credit courses required) ** (1-2 credit course)			
<b>Auto Tech I*, II**, III</b>	Introduction to Auto Mechanics I (AUT100)	2 cred	<b>Career Studies Certificate in Automotive Technology:</b> Maintenance and Light Repair  <b>A. A. S. degree:</b> Automotive Technology
	Automotive Brakes (AUT265)	4 cred	
	Auto Alignment, Steering & Suspension (AUT266)	4 cred	
<b>Computer Assisted Technical/Engineering Drawing*</b> <b>Computer Assisted Technical/Architectural Drawing**</b>	EGR 115: Engineering Graphics	2 Credits	<b>Career Studies Certificate in Construction Management Technology:</b> Construction Supervision  <b>A. A. S. degree:</b> Construction Management Technology
	CAD 165: Blueprint Reading	3 credits	

<b>Human/Public Services</b>			
<b>Courses</b>	<b>Dual Enrolled</b>		<b>Next Steps at NOVA</b>
<b>Early Childhood Education I*, II**</b>	*Intro to Early Childhood Education (CHD120)	3 cred	<b>Career Studies Certificate in Early Childhood Development:</b> Infant and Toddler Care  <b>A. A. S. degree:</b> Early Childhood Development
	*Early Childhood Observation (CHD165)	3 cred	

IT/Digital Media			
Courses	Dual Enrolled		Next Steps at NOVA
TV Productions I*,II**	TV Prod I PHT 130	3 cred	A. A. A. degree: Fine Arts: Photography Specialization
	TV Prod II PHT 131	3 cred	
<p>IT: Computer Programming** (26647)</p> <p>IT: Advanced Topics in Information Technology** (26645) (HS Years 3 &amp; 4)</p>	<p><b>NVCC Course Alignment:</b> CSC 130 (Scientific Programming) - 3 credits and CSC 185 (Programming Tools) - 1 credit</p> <p>CSC 200 - Introduction to Computer Science (4 credits)</p> <p><b>NVCC Course Alignment:</b> 3 credits each: Web Page Design I (ITD110)  Web Page Design II (ITD210)  Software Design (ITP100)  Introduction to Computer Applications and Concepts (ITE 115)  Multimedia Software (ITE170)  Introduction to Network Concepts (ITN 101)  UNIX I (ITN 171)  4 credits: C# Programming I (ITP 136)</p>		<p>A. S. degree: Computer Science</p> <p><b>Career Studies Certificate in Information Systems Technology: Web Design and Development</b></p> <p>A. A. S. degree: Information Systems Technology</p> <p>A. S. degree: Information Systems Technology</p>

<b>Health/Medical</b>			
<b>Courses</b>	<b>Dual Enrolled</b>		<b>Next Steps at NOVA</b>
<b>Health Sciences* and Medical Terminology**</b>	<b>HIM 111 - Medical Terminology</b>	3 cred	<b>Career Studies Certificate in Health Information Management: Clinical Data Coding</b>  <b>Career Studies Certificate in Health Science</b>  <b>A. A. S. degree: Health Information Management</b>
<b>EMT**</b>	*EMT/Basic (EMS111)	7 cred	<b>Career Studies Certificate in Emergency Medical Services: Emergency Medical Technician – Basic</b>  <b>A. A. S. degree: Emergency Medical Services</b>
	*EMT/Basic Clinical (EMS120)	1 cred	
	HLT 105: CPR	1 cred	

<b>Academic</b>		
<b>Courses</b>	<b>Dual Enrolled</b>	
<b>English 12</b>	<b>ENG 111/112</b>	6 cred
<b>Pre-Calculus</b>	<b>MTH 163/164</b>	6 cred

**Arlington Career Center  
Governor's Career and Technical Academy in Arlington (GCTAA)  
Dual Enrollment Data from 2013-14 to 2015-16**

