



To: Board of Education Members
Dr. Mary Pfeiffer, Superintendent

From: Susan Nennig, Director of Curriculum, Instruction and Assessment
Brian Wunderlich, Neenah High School Principal
Chad Buboltz, Neenah High School Associate Principal
Stephanie Phernetton, Shattuck Middle School Principal
Michael Tauscher, Horace Mann Middle School Principal

Date: November 26, 2013

RE: Course Additions, Deletions and Revisions (CADR) Report 2014-15

The CADR Report represents the curriculum recommendations from Horace Mann Middle School, Shattuck Middle School and Neenah High School as we continue to align our course offerings for college and career readiness. Within this report there are eight course additions, one course deletion and 15 course revisions.

Highlights for Horace Mann and Shattuck Middle Schools

Horace Mann's CADR recommendations reflect the Board's decision in the spring of 2014 to add a World Language offering at the 6th grade level.

One course addition, Connecting through Careers, is proposed at Shattuck Middle School. This course will focus on the world of work, career exploration, and helping students discover and connect personal skills, aptitudes, and abilities with educational planning and decision-making. Additionally, students will participate in leadership opportunities while planning and conducting units of study for special education students.

Highlights for Neenah High School

The Automotive Technical Diploma (Appendix 1) is proposed to provide industry-driven standards-based education in the transportation field to students at Neenah High School. Students who successfully complete this program will receive an FVTC Technical Diploma. Several new courses are included in the CADR, Written Communication, College Mathematics, and Psychology of Human Relations, to support this diploma program. Future CADR proposals will include the remaining courses, during the years they will be offered, to complete the course work for the program.

World Language

The Curriculum and Program Development Committee (C&PDC) of the Board met on Monday, November 25, 2013 to consider additional information related to our World Language Program. The C&PDC's recommendation to expand world language in grade 6 to a semester course, to require all 7th and 8th graders to complete at least Level I of a world language by the end of 8th grade, and to offer Chinese in addition to Spanish and French starting in grade 7 will be considered for inclusion in this CADR if approved by the Board. The cost will include \$1,600 for curriculum writing for course development in grade 6 and Chinese I, along with approximately \$5,620 total for materials for grade 6 (\$1,875) and Chinese I (\$3,750).

Costs

Following past practice, the CADR Report includes recommendations for compensation for curriculum writing costs for new and revised courses, as well as costs for instructional materials due to additions and revisions. The table below represents a summary of these costs. Appendix A includes historical CADR data for costs as well as courses affected.

School	Curriculum Writing	Materials	Equipment	Total
Middle School	\$800	\$40 annual fee	\$ 0	\$840
NHS	\$4000	\$17,955	\$2,500	\$24,455
Total	\$4,800	\$17,995	\$2,500	\$25,295

Secondary administrators will be present at the December 3, 2013 Board of Education meeting to present and respond to questions concerning the CADR Report.

10/23/2013

*Prepared by: Michael Derleth (NHS)***Program Summary:**

This program has been proposed to provide industry-driven standards-based education, in the transportation field, to secondary students in the Neenah Joint School District and nearby districts. Curriculum will be delivered by NJSD and FVTC staff throughout grades 9-12, on both campuses, utilizing the standard NJSD school calendar, and through summer offerings at FVTC. Schedule modifications at NHS will be necessary to successfully implement this program (i.e. Zero Hour and Summer offerings at FVTC). All courses implemented at NHS will be Transcribed credit offerings. Students who pass these courses will receive full college credit. Students will receive an FVTC Technical diploma upon completion of this program.

Implementation of this program will require the addition of several courses to the Neenah High School curriculum. Course additions will be required in the general education areas and in the technology and engineering department. As of October 20, 2013, several meetings between NJSD and FVTC administration and faculty have taken place. The directive generated by these meetings was to pursue implementation of this technical diploma program for the 2014-15 school year. To meet this obligation, NHS staff has proposed implementation of the following courses to the curriculum through the CADR process.....

- College Mathematics
- Science Principles for Transportation
- Written Communications
- Psychology of Human Relations
- Engine Repair 1
- Electrical 2
- Automotive Climate Control Systems

Students who display an interest in this technical diploma program will be required to complete all of the automotive courses and general education courses specified by FVTC prior to graduation. The complete technical diploma program will require delivery of the following courses at NHS, in addition to, or in lieu of existing required coursework....

- College Mathematics
- Science Principles for Transportation
- Written Communications
- Psychology of Human Relations
- Engine Repair 1
- Electrical 2
- Automotive Climate Control Systems
- Recreational Transportation
- Automotive Technology 1 (Auto Service Fundamentals)
- Automotive Technology 2 (Brake Systems)
- Automotive Technology 3 (Steering & Suspension)
- Automotive Technology 4 (Electrical 1)
- Welding for Transportation

The complete technical diploma program will require delivery of the following courses at FVTC during the summer of junior year....

- Engine Repair 2
- Engines Machining 1

Please see the mock schedule, attached or below, for a graphic representation of the overall program. This is the most recent incarnation of this document. Students who enter this program as freshmen will have opportunities to take other electives and enjoy scheduling flexibility. Students who enter as Sophomores will still have the opportunity to complete the program, but with less flexibility.

The four general education courses that must be added to NHS curriculum (i.e. College Mathematics, Science Principles for Transportation, Written Communications, and Psychology of Human Relations) will provide opportunities for students in this program, and for all NHS students who may attend FVTC. These courses may fulfill many needs for NHS students, and further discussion regarding the role of these courses in the overall curriculum would prove beneficial.

Program Outcomes:

Upon completion of the Automotive Technology program, students will be able to:

- Demonstrate professionalism appropriate for the auto service industry.
- Demonstrate basic positive communication skills needed for dealing with customers and others in a professional manner.
- Develop safe procedures and practices for all phases of service and repair of automobiles, machinery and test equipment and for handling chemicals and solvents used in repair and cleaning. You will participate in, and receive S/P2 safety and pollution prevention certification, or equivalent.
- Develop a working knowledge of repair manuals and computer programs used by automotive technicians in the servicing of vehicles.
- Demonstrate technical abilities and competencies equivalent to the standards used by modern repair facilities.
- Perform diagnosis, service, and repair of automotive internal combustion engines.
- Perform diagnosis, service, and repair of automotive steering and suspension steering systems.
- Perform diagnosis, service, and repair of automotive brake systems.
- Perform diagnosis, service, and repair of automotive electrical/electronic systems.
- Perform diagnosis, service, and repair of automotive heating and air conditioning systems.

Career Opportunities:

As an automotive maintenance technician program graduate, you are ready for work in a variety of automotive repair facilities. The majority of work done by automotive maintenance technicians is in preventive maintenance and general repairs. Many shops specialize in these customer needs. Students may find employment with a chain store such as Midas, Car-X, Tuffy, Sears, Van Zeeland's, Expert Tire, Wal-Mart, Matthew's Tire and Auto., and Tires Plus, etc. All of these are steady employers of program graduates. Large dealers may also employ you in their lube centers and entry-level positions.

APPENDIX A

NHS CADR Data	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
Additions	6	37	4	21	10	23	6
Deletions	3	62	13	47	14	14	0
Revisions	23	30	41	185	22	62	14
Total	32	129	58	253	46	99	20
MS CADR Data							
Additions				11	7	8	2
Deletions				12	1	4	1
Revisions				3	0	4	1
Total				26	8	16	4

CADR Projected Cost	2008-09	2009-10	2010-11	2011-12	2012-13*	2013-14*	2014-15*
Curriculum Writing	\$6,400	\$13,195	\$8,600	\$66,400	\$23,851	\$20,400	\$4,800
Instructional Materials	\$0	\$4,125	\$8,119	\$0	\$11,862	\$36,180	\$17,995
Equipment	\$0	\$0	\$0	\$0	\$13,700	\$12,505	\$2,500
Total	\$6,400	\$17,320	\$16,719	\$66,400	\$49,413	\$69,085	\$25,295

*Totals include costs from Middle school and High school

2011-2012 CADR focussed primarily on the transition from trimester to semester courses at NHS.

Department: World Languages						
Course	A	D	R	A-D-R Narrative		NJSD Cost
#249 World Language Introduction	X			Open to: 6 Credits:	Length: 1 Semester Prerequisite: None	0.00
<p>Content: World Language Introduction is designed to introduce students to the beginning stages of learning a foreign language. Spanish is the target language for this course and emphasis is on spoken communication. Through the course objectives, students will communicate in the target language, gain knowledge and understanding of other cultures, connect with other disciplines and develop insight into the nature of language and culture. This course meets for one semester, every other day.</p> <p>Activities: Group and individual projects, class discussions, videos and labs</p>						

**Neenah Middle Schools
 Course Additions, Deletions, Revisions
 2014-15**

Department	A-D-R	Course	Cost			
			Supplies	Resources	Curriculum Writing	Total
Business and Information Technology	Deletion	Computer Literacy	\$0.00	\$0.00	\$0.00	\$0.00
Family/Consumer Science	Addition	Connecting through Careers	\$0.00	\$40.00 annually	\$800.00	\$840.00
Science	Revision	Science 6	\$0.00	\$0.00	\$0.00	\$0.00
World Languages	Addition	World Language Introduction	\$0.00	\$0.00	\$0.00	\$0.00
Total			\$0.00	\$40.00	\$800.00	\$840.00

Department: English (Continued)					
Course	A	D	R	A-D-R Narrative	NJSD Cost
15960/15970 AP English Language and Composition (11)			X	Open to: 11 Credits: 1 credit Cost: An exam fee if AP exam is taken. A University fee if taken for CAPP credit.	0.00

Department: Family and Consumer Science					
Course	A	D	R	A-D-R Narrative	NJSD Cost
25080 Culinary Arts 1			X	Open to: 9, 10, 11, 12 Credits: .5 credit Cost: From \$10.00 to \$15.00.	0.00
26000 Culinary Arts 2			X	Open to: 9, 10, 11, 12 Credits: .5 credit Cost: From \$10.00 to \$15.00.	0.00
26010 Food Service			X	Name Change from Food Service to Food Service 1. Open to: 11, 12 Credits: .5 credit Content: This course explores the food service industry using the National Restaurant Association-ProStart Curriculum. It provides students with experiences in the hospitality and the restaurant industry. Food Service 1 students will explore breakfast food and sandwiches, nutrition, cost control, salads and garnishes, purchasing and inventory, and meat, poultry and seafood. Students in the course will be able to take advantage of Wisconsin Youth Apprenticeship program. Cost: From \$15.00 to \$20.00.	0.00
Food Service 2	X			Open to: 11, 12 Credits: .5 credit Note: This course is an addition but not in the sense that it will increase our number of classes. This curriculum will be embedded into Food Service 1. Content: This course explores the food service industry using the National Restaurant Association-ProStart curriculum. It provides students with experiences in the hospitality and the restaurant industry. Food Service 2 students will explore marketing, desserts and baked goods, sustainability in the restaurant industry, global cuisine: the Americas, and global cuisine: Europe, the Mediterranean, the Middle East, and Asia. Students in the course will be able to take advantage of Wisconsin Youth Apprenticeship program. Cost: \$20.00	0.00

Department: Mathematics						
Course	A	D	R	A-D-R Narrative		NJSD Cost
College Mathematics	X			Open to: 11, 12 Credits: 1 credit Note: This course is pending approval for transcribed credit with Fox Valley Technical College. Content: Designed to review and develop fundamental concepts of mathematics pertinent to the areas of arithmetic and algebra, geometry and trigonometry, and probability and statistics. Special emphasis is placed on problem solving, critical thinking and logical reasoning, making connections, and using calculators.	Length: 2 semesters Prerequisite: Algebra 1 and Geometry	Resources \$4,500 <u>Curr</u> <u>Writing</u> \$800

Department: Social Studies						
Course	A	D	R	A-D-R Narrative		NJSD Cost
Psychology of Human Relations	X			Open to: 11, 12 Credits: .5 credit Note: This course offers transcripts through Fox Valley Technical College and provides two free college credits at the Fox Valley Technical College. This course is a requirement for students wishing to complete the Fox Valley Technical College Automotive Program. Content: This course explores the relationship between the general principles of psychology and our everyday lives. Students are given the opportunity to achieve a deepened sense of awareness of themselves and others. This understanding enables students to improve their relationships with others at work, in the family, and in a society. This course is part of the General Studies Core offered throughout the Wisconsin Technical College System. The course competencies are consistent among the colleges and baccalaureate level to accommodate student success in transferring to four year colleges. Activities: Multiple texts, research projects, multimedia presentations, computer activities, discussions, group activities, case studies, outside reading and internet activities. Cost: None	Length: 1 Semester Prerequisite: None	Resources \$4,500 <u>Curr.</u> <u>Writing</u> \$800
63475 *Advanced Economics and Personal Financial Literacy			X	Name change from *Advanced Economics and Personal Financial Literacy to Economics and Personal Financial Literacy. Note: This course offers transcripts through Fox Valley Technical College and provides three free college credits at the Fox Valley Technical College.		0.00
63470 AP Psychology			X	Open to: 11, 12 Credits: .5 credit Content: This course is equivalent in scope to an introductory college course in psychology. Due to the compressed nature of this course, interested students will need to be astute in their study habits as we visit all of the content areas prescribed by the College Board. These topics include: the history and approaches to psychology, research methodology, biological bases of behavior, sensation and perception, states of consciousness, learning, memory, cognition, motivation and emotion, developmental psychology, personality, testing and individual differences, abnormal psychology, treatment of disorders, and social psychology. Students will examine how the main concepts, principles, and phenomena associated with psychology evolved. Historically relevant topics will be reviewed as well as modern aspects of the field. Following the May exam, students will have the opportunity apply their knowledge to current issues. Activities: Students will be provided with lectures, reading materials, interesting videos, class discussions, and demonstrations. Cost: None. Optional online service available called SHMOOP, for approximately \$10.00.	Length: 1 Semester Prerequisite: None	0.00

Department: Social Studies (Continued)						
Course	A	D	R	A-D-R Narrative		NJSD Cost
62450 Psychology			X	Open to: 11, 12 Credits: .5 credits	Length: 1 Semester Prerequisite: None	0.00
<p>Content: This course focuses on the scientific study of behavior and mental processes. Central to this focus are topics that examine how people think, feel, and behave as individuals and in groups. Psychology is a wide-ranging discipline dealing with almost all areas of human experience. Its key concepts revolve around seven domains. These include: 1) how psychologists go about their work, (2) how our body's functions influence our minds, (3) how we grow and learn, (4) what our relationships mean to us, (5) how our intellects and thinking abilities can work for or against us, (6) how our individual differences enrich our understanding of what makes people tick, and (7) what mental disorders are, how they are treated and what mental health is. Psychology has a wide variety of real life applications which we will discuss in this course. These applications include (but are not limited to) psychology related to the world of work, parenting, understanding peoples' decisions on a personal level and an international level, understanding cultural differences, and other high interest topics. It is recommended that students wanting to take this course should have average to above average reading ability.</p> <p>Activities: Students will be provided with lectures, readings, interesting videos, small-group discussions, demonstrations, and the like.</p> <p>Cost: None</p>						

Department: Technology and Engineering						
Course	A	D	R	A-D-R Narrative		NJSD Cost
NHS/FVTC Automotive Technical Diploma				Through partnership with Fox Valley Technical College, the Technology and Engineering Department has developed an automotive technical diploma that will fulfill the first year of the technical college automotive program at NHS. See Appendix 1		0.00
Advanced Welding and Metal Fabrication	X			Open to: 10, 11, 12 Credits: .5 credit 80325	Length: 1 Semester Prerequisite: Welding and Metal Fabrication	Resources \$4,900 <u>Curr. Writing</u> \$800
<p>Content: Students will learn and practice advanced welding and metal fabrication techniques. Students will utilize welding/cutting processes such as SMAW, GMAW, GTAW, Flux-Core, Plasma Cutting and Oxy-fuel cutting. Advanced metal fabrication processes will include precision measurement, blueprint reading, layout, drilling, cutting, grinding, and CNC machining. Safe work habits and career preparation are also components of this course. Students will develop and utilize problem-solving skills and will recognize the importance of a strong work ethic. Students will design and fabricate products individually and as part of a team.</p> <p>Activities: Students will have the opportunity to build a project of their choice. The instructor retains the authority to accept or deny a project proposal. Material costs are the student's responsibility.</p> <p>Cost: \$25.00</p>						

Department: Wellness Education					
Course	A	D	R	A-D-R Narrative	NJSD Cost
51720 Strength and Conditioning			X	<p>Open to: 10, 11, 12 Length: 1 Semester Credits: .5 credit Prerequisite: Active Lifestyles 1 or 2</p> <p>Note: This course is to be offered zero hour (6:49 - 7:42 a.m.)</p> <p>Content: This course is designed for highly motivated students strength and cardiovascular training.</p> <p>Activities: Personal programs will be Strength Training - core lifts, plyometrics, and various strength activities to improve individual performance. Cardiovascular Training 2 - cardiovascular activities to improve the anaerobic and aerobic levels of each individual.</p> <p>Cost: None</p>	0.00

Department: World Languages					
Course	A	D	R	A-D-R Narrative	NJSD Cost
32800/32900 AP Spanish Language			X	<p>Open to: 11, 12 Length: 2 Semesters Credits: 1 credit (.5 credit/semester) Prerequisite: Spanish 4</p> <p>Note: This is a name change from AP Spanish Language to AP Spanish Language and Culture.</p> <p>Content: This course will expand on vocabulary and grammar acquired in Spanish 4. Emphasis will be on literature and Spanish culture.</p> <p>Cost: An exam fee if AP exam is taken.</p>	0.00

Department: Special Education					
Course	A	D	R	A-D-R Narrative	NJSD Cost
Social Thinking for the Real World	X			<p>Open to: IEP Criteria Length: 36 weeks (Tuesdays/Thursdays) Credits: 1 credit Prerequisite: None</p> <p>Note: Admission to course driven by IEP eligibility - Class is designed especially for students with Autism Spectrum Disorders (High Functioning Autism and Asperger's Syndrome).</p> <p>Content: IEP Team Assessment - Student Self Assessment - Personalized Goals - Progress Check and Reporting - Project Based Learning</p> <p>Skill lessons: non-verbal cues/body language; Emotions: dealing with anger, frustration and anxiety; Conversation skills: building and maintaining friendships, dealing with school & family demands; Employment Skills: money matters, life skills, emergency planning, transportation and dating.</p> <p>Activities: weekly lesson, textbook/workbook assignments, community outings for skill generalization, collaboration with outside agencies involved with students.</p>	<p>Resources \$555.25</p> <p>Curr. Writing \$800</p>

**Neenah High School
Course Additions, Deletions, Revisions
2014-15**

Department	A-D-R	Course	Cost			
			Supplies/ Equipment	Resources	Curriculum Writing	Total
Business	Revision	Business Finance	\$0.00	\$0.00	\$0.00	\$0.00
Business	Revision	International Business	\$0.00	\$0.00	\$0.00	\$0.00
Business	Revision	Entrepreneurship	\$0.00	\$0.00	\$0.00	\$0.00
English	Addition	Written Communication	\$0.00	\$6,000.00	\$800.00	\$6,800.00
English	Revision	Creative Writing	\$0.00	\$0.00	\$0.00	\$0.00
English	Revision	AP English Literature and Composition (12)	\$0.00	\$0.00	\$0.00	\$0.00
English	Revision	AP English Language and Composition (11)	\$0.00	\$0.00	\$0.00	\$0.00
Family/Consumer Ed.	Revision	Culinary Arts 1	\$0.00	\$0.00	\$0.00	\$0.00
Family/Consumer Ed.	Revision	Culinary Arts 2	\$0.00	\$0.00	\$0.00	\$0.00
Family/Consumer Ed.	Revision	Food Service	\$0.00	\$0.00	\$0.00	\$0.00
Family/Consumer Ed.	Addition	Food Service 2	\$0.00	\$0.00	\$0.00	\$0.00
Mathematics	Addition	College Mathematics	\$0.00	\$4,500.00	\$800.00	\$5,300.00
Social Studies	Addition	Psychology of Human Relations	\$0.00	\$4,500.00	\$800.00	\$5,300.00
Social Studies	Revision	Economics and Personal Financial Literacy	\$0.00	\$0.00	\$0.00	\$0.00
Social Studies	Revision	AP Psychology	\$0.00	\$0.00	\$0.00	\$0.00
Social Studies	Revision	Psychology	\$0.00	\$0.00	\$0.00	\$0.00
Technology and Engineering	---	NHS/FVTC Automotive Technical Diploma	\$0.00	\$0.00	\$0.00	\$0.00
Technology and Engineering	Addition	Advanced Welding and Fabrication	\$2,500.00	\$2,400.00	\$800.00	\$5,700.00
Wellness Education	Revision	Strength and Conditioning	\$0.00	\$0.00	\$0.00	\$0.00
World Languages	Revision	AP Spanish Language	\$0.00	\$0.00	\$0.00	\$0.00
Special Education	Addition	Social Thinking for the Real World	\$0.00	\$555.25	\$800.00	\$1,355.25
Total			\$2,500.00	\$17,955.25	\$4,000.00	\$24,455.25