Classes that Can be Taught by Holders of Various Endorsements, as Impacted by NCLB MICHIGA Michigan Department of Education





Endorsement	Code	Classes That Can Be Taugh	t By Holders of Each Endorsement	Considerations for NCLB	
The listed classes represent MDE's current alignment guidance related to Michigan endorsements, in relation to class titles identified by K-12 schools and districts. Furthermore, the alignment guidance is subject to change with new state endorsements, new class titles named by K-12 schools and districts, and Michigan curriculum expectations. This list is not meant to be all inclusive. Districts may use this document to make the best decisions for the assignment of teachers based upon the class title, a teacher's certification and the CONTENT of the class. The name of a class MUST reflect the content being taught. Questions regarding endorsements and class titles appearing in this document should be directed to the Office of Professional Preparation Services.					
Communication Arts	AX	Speech Debate News/broadcasting Media Communications	Public speaking Oral interpretation Forensics Journalism Yearbook School newspaper		
Language Arts This endorsement only issued to elementary candidates since July 2000	BX Elem.	K-8 Language Arts English Speech Journalism	Literature Reading Writing Yearbook	 Holders of elementary BX endorsements, who have passed the BX MTTC, may teach these classes in the grade levels indicated on their teaching certificates. Holders of elementary BX endorsements may demonstrate HQ status to teach the <i>bolded, italicized</i> classes in the grade levels indicated on their teaching certificates, by completing an elementary language arts major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE). 	



Michigan Department of Education

Endorsement	Code	Classes That Can Be Taught By	Holders of Each Endorsement	Considerations for NCLB
Language Arts The secondary, 6-12 language arts endorsement no longer issued to candidates since 2000	BX Sec.	6-12 Language Arts English Reading Writing Literature	Speech Journalism Yearbook	 Holders of secondary BX endorsements, who have passed the BX MTTC, may teach these classes in the grade levels indicated on their teaching certificates. Holders of secondary BX endorsements may demonstrate HQ status to teach the <i>bolded, italicized</i> classes in the grade levels indicated on their teaching certificates, by completing a secondary language arts major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).
English	BA	English Language Arts (middle school only) Grammar Writing Poetry Literature	Great Books Shakespeare Drama (Study of literature) Business Writing (offered for English credit) Writing for Publication (i.e. School Newspaper) Yearbook	 Holders of BA endorsements, who have passed the BA MTTC, may teach these classes in the grade levels indicated on their teaching certificates. Holders of BA endorsements may demonstrate HQ status to teach the bolded, italicized classes in the grade levels indicated on their teaching certificates, by completing an English major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).
Journalism	ВС	Journalism Yearbook Media	School Newspaper Broadcast/Video Production Web Publishing*1	



Michigan Department of Education

Endorsement	Code	Classes That Can Be Taught By Holders of Each Endorsement	Considerations for NCLB
Speech	BD	Speech Oral interpretation Debate Theatre/Performance*1 News/broadcasting Forensics Public speaking Communications	
provide evidence of professior teacher with an elementary ce	nal devel ertificate d	d to teach theatre/performance classes. School districts are free to perform the top the second theatre; as long as they hold a certificate for the second these introductory classes in grades K-8. Teachers with demonstrated HQ status for those endorsement areas, may be considered.	grade levels the classes are offered. A a music, fine arts, speech, English or
Reading Specialist	BR	Reading Language Arts (middle school only) Title I Reading Developmental Reading Intro to Linguistics (language acquisition)	 Holders of BR endorsements, who have passed the BR MTTC, may teach these classes in the grade levels indicated on their teaching certificates. Holders of BR endorsements may demonstrate HQ status to teach the bolded, italicized classes in the grade levels indicated on their teaching certificates, by completing a Reading Specialist master's degree program.
Reading Lindate 8 19 10 Michig	ВТ	Reading Developmental Reading	 Holders of BT endorsements, who have passed the BT MTTC, may teach these classes in the grade levels indicated on their teaching certificates. Holders of BT endorsements may demonstrate HQ status to teach the bolded, italicized classes in the grade levels indicated on their teaching certificates, by completing a Reading major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).

Classes that Can be Taught by Holders of Various Endorsements, as Impacted by NCLB MICHIGA Michigan Department of Education





Endorsement	Code	Classes That Can Be Taught By Hold	ders of Each Endorsement	Considerations for NCLB
Social Studies	RX	Social Studies Economics Geography History Michigan History Political Science American Government U.S. History U.S. History U.S. History & Geography Civics World History World History & Geography	Western Hemisphere Eastern Hemisphere Current Events Global Studies	 Holders of RX endorsements, who have passed the RX MTTC, may teach these classes in the grade levels indicated on their teaching certificates. Holders of RX endorsements may demonstrate HQ status to teach the bolded, italicized classes in the grade levels indicated on their teaching certificates, by completing social studies major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).
Social Science This endorsement no longer issued to candidates since 1995 (This code was partially replaced by the RX)	СХ	Social Science Social Studies Economics* Geography* History* Michigan History Political Science* American Government U.S. History U.S. History & Geography Civics World History World History & Geography	Western Hemisphere Eastern Hemisphere Current Events Global Studies Psychology Sociology Anthropology Cultural Studies Behavioral Studies	 Holders of CX endorsements, who have taken and passed the CX or RX MTTC, may teach these classes in the grade levels indicated on their teaching certificates. Holders of CX endorsements (where candidates were not required to pass an endorsement test) may demonstrate competence to teach the <i>bold, italicized</i> classes, in the grade levels indicated on their teaching certificates, by either having a social science group major (or its equivalent of 30 semester credits) with evidence of course work in the areas identified with an asterisk, passing the RX MTTC test or by meeting the criteria established by HOUSSE.

Classes that Can be Taught by Holders of Various Endorsements, as Impacted by NCLB Tables Taught by Holders of Various Endorsements as Impacted by NCLB



Michigan Department of Education

Endorsement	Code	Classes That Can Be Taught By Holders	s of Each Endorsement	Considerations for NCLB
Economics	CA	Economics Current Events		Holders of CA endorsements, who have passed the CA MTTC, may teach these classes in the grade levels indicated on their teaching certificates.
				Holders of CA endorsements may demonstrate HQ status to teach the bolded, italicized classes in the grade levels indicated on their teaching certificates, by completing an economics major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).
Geography	СВ	Geography Global Geography Michigan Geography U.S. Geography Global Issues	The Global Village Western Hemisphere Eastern Hemisphere World Regions Current Events	Holders of CB endorsements, who have passed the CB MTTC, may teach these classes in the grade levels indicated on their teaching certificates.
		Giobal issues	Current Events	Holders of CB endorsements may demonstrate HQ status to teach the bolded, italicized classes in the grade levels indicated on their teaching certificates, by completing a geography major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).

Classes that Can be Taught by Holders of Various Endorsements, as Impacted by NCLB Tables Taught by Holders of Various Endorsements as Impacted by NCLB



Michigan Department of Education

Endorsement	Code	Classes That Can Be Taught By Holder	s of Each Endorsement	Considerations for NCLB
History	CC	History Michigan History U.S. History World History	European History Current Events	Holders of CC endorsements, who have passed the CC MTTC, may teach these classes in the grade levels indicated on their teaching certificates.
				■ Holders of CC endorsements may demonstrate HQ status to teach the bolded, italicized classes in the grade levels indicated on their teaching certificates, by completing a history major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).
Political Science	CD	Political Science American Government Government	Civics Contemporary World Issues American Problems Current Events	 Holders of CD endorsements, who have passed the CD MTTC, may teach these classes in the grade levels indicated on their teaching certificates. Holders of CD endorsements may demonstrate HQ status to teach the bolded, italicized classes in the grade levels indicated on their teaching certificates, by completing a political science major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).
Psychology	CE	Psychology		
Sociology	CF	Sociology		

Classes that Can be Taught by Holders of Various Endorsements, as Impacted by NCLB Tables Taught by Holders of Various Endorsements as Impacted by NCLB



Michigan Department of Education

Endorsement	Code	Classes That Can Be Taught By Holders of Each Endorsement	Considerations for NCLB
Anthropology This endorsement will no longer be issued to candidates after October 2011.	СН	Anthropology *2	
Cultural Studies This endorsement will no longer be issued to candidates after October 2011.	CL	Cultural studies, cultural anthropology, modern popular culture *2	
Behavioral Studies This endorsement will no longer be issued to candidates after October 2011.	СМ	Behavioral Studies *2	

^{*2} A specific endorsement will no longer be needed to teach anthropology, cultural studies and behavioral studies classes. School districts are free to assign any faculty to these classes that provide evidence of professional development related to these areas; as long as they hold a certificate for the grade levels the classes are offered.

Science This endorsement no longer issued to candidates since October 2008 (This code was replaced by the DI.)	DX	General Science Science	Biology Chemistry Physics Earth/Space Science Physical Science	Holders of DX endorsements, who have passed the DX or DI MTTC, may teach these classes in the grade levels indicated on their teaching certificates.
was replaced by the DL.)			r nysical Science	Holders of DX endorsements may demonstrate HQ status to teach the bolded, italicized classes in the grade levels indicated on their teaching certificates, by completing a group science major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).



Michigan Department of Education

Endorsement	Code	Classes That Can Be Taught	By Holders of Each Endorsement	Considerations for NCLB
Integrated Science	DI	Integrated Science General Science Science	Biology Chemistry Physics Earth/Space Science Physical Science	 Holders of DI endorsements, who have passed the DX or DI MTTC, may teach these classes in the grade levels indicated on their teaching certificates. Holders of DI endorsements may demonstrate HQ status to teach the <i>bolded</i>, <i>italicized</i> classes in the grade levels indicated on their teaching certificates, by completing a group science major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).
Biology	DA	Biology Ecology Botany Zoology Human Anatomy and Physiology Environmental Science	Life Science Biochemistry Genetics Microbiology Forensic Science	 Holders of DA endorsements, who have passed the DA MTTC, may teach these classes in the grade levels indicated on their teaching certificates. Holders of DA endorsements may demonstrate HQ status to teach the <i>bolded</i>, <i>italicized</i> classes in the grade levels indicated on their teaching certificates, by completing a biology major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).



Michigan Department of Education

Endorsement	Code	Classes That Can Be Taug	ht By Holders of Each Endorsement	Considerations for NCLB
Chemistry	DC	Chemistry Organic chemistry Physical Science (as of 3/19/12)	Biochemistry Forensic Science	 Holders of DC endorsements, who have passed the DC MTTC, may teach these classes in the grade levels indicated on their teaching certificates.
				■ Holders of DC endorsements may demonstrate HQ status to teach the <i>bolded</i> , <i>italicized</i> classes in the grade levels indicated on their teaching certificates, by completing a chemistry major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).
Physics	DE	Physics Astronomy Physical Science (as of 3/19/12)		 Holders of DE endorsements, who have passed the DE MTTC, may teach these classes in the grade levels indicated on their teaching certificates.
				■ Holders of DE endorsements may demonstrate HQ status to teach the <i>bolded</i> , <i>italicized</i> classes in the grade levels indicated on their teaching certificates, by completing a physics major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).



Michigan Department of Education

Endorsement	Code	Classes That Can Be Taught	By Holders of Each Endorsement	Considerations for NCLB
Earth/space science	DH	Astronomy Earth/Space science Geology Limnology	Meteorology Mineralogy Oceanography Weather Environmental Science	 Holders of DH endorsements, who have passed the DH MTTC, may teach these classes in the grade levels indicated on their teaching certificates. Holders of DH endorsements may demonstrate HQ status to teach the <i>bolded</i>, <i>italicized</i> classes in the grade levels indicated on their teaching certificates, by completing an earth/space science major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).
Physical science	DP	Physical Science	Physics Chemistry	 Holders of DP endorsements, who have passed the DP MTTC, may teach these classes in the grade levels indicated on their teaching certificates. Holders of DP endorsements may demonstrate HQ status to teach the <i>bolded</i>, <i>italicized</i> classes in the grade levels indicated on their teaching certificates, by completing a physical science major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).



Michigan Department of Education

Endorsement	Code	Classes That Can Be Taught B	y Holders of Each Endorsement		Considerations for NCLB
Mathematics	EX	Mathematics Arithmetic Number theory Pre-algebra Algebra Geometry	Calculus Statistics College algebra Trigonometry Solid geometry	- I	Holders of EX endorsements, who have passed the EX MTTC, may teach these classes in the grade levels indicated on their teaching certificates. Holders of EX endorsements may demonstrate HQ status to teach the <i>bolded</i> , <i>italicized</i> classes in the grade levels indicated on their teaching certificates, by completing a mathematics major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).

French	FA	French language, grammar, culture
German	FB	German language, grammar, culture
Greek	FC	Greek language, grammar, culture
Latin	FD	Latin language, grammar, culture
Russian	FE	Russian language, grammar, culture
Spanish	FF	Spanish language, grammar, culture
Other	FG	Specific language, grammar, culture in other language
Italian	FH	Italian language, grammar, culture
Polish	FI	Polish language, grammar, culture
Hebrew	FJ	Hebrew language, grammar, culture
Arabic	FK	Arabic language, grammar, culture
Japanese	FL	Japanese language, grammar, culture
Chinese (Mandarin)	FR	Chinese language, grammar, culture

- Holders of F- language endorsements, who have passed the appropriate MTTC, may teach these classes in the grade levels indicated on their teaching certificates.
- Holders of F- language endorsements may demonstrate HQ status to teach the *bolded*, *italicized* classes in the grade levels indicated on their teaching certificates, by completing a major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).



Michigan Department of Education

Endorsement	Code	Endor	ught By Holders of Each sement	Considerations for NCLB
Business Education This endorsement will no longer be issued to candidates after October 2011 (This code is being replaced by the GQ.)	GX	Accounting Business Administration Business Communications Business Education Business Law Business Math Business Technology Marketing Education Personal Finance	Secretarial Science Computers*3 Computer Literacy*3 Keyboarding*3 Word Processing*3 Computer Applications*3 Web Design *3 Introduction to the Internet *3	 Holders of GX endorsements, who have passed the GX MTTC, may teach these classes in the grade levels indicated on their teaching certificates. Holders of GX endorsements may demonstrate HQ status to teach the bolded, italicized classes in the grade levels indicated on their teaching certificates, by completing a major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).
Michigan Teachers, all new to further strengthening the tech professional development relationships to the strength of the str	eachers ai nology sk ated to sp	re entering classrooms with tec ills of teachers. School districts ecific technology classes, <i>as lo</i>	hnology knowledge and skills. ⁻ s are free to assign any faculty t	andard to the Entry-Level Standards for The COATT and M-COATT programs are o these classes that provide evidence of or the grade levels in which the classes are ades K-8.
Accounting This endorsement will no longer be issued to candidates after October 2011 (This code is being replaced by the GQ.)	GA	Accounting, Finance		
Business Administration This endorsement will no longer be issued to candidates after October 2011 (This code is being replaced by the GQ.)	GH	Business Administration Business Communications Personal Finance	Business Education Business Law	



Michigan Department of Education

Endorsement	Code		aught By Holders of Each	Considerations for NCLB
Secretarial Science This endorsement no longer issued to candidates since April 2004	GI	Secretarial Science		
Business, Management, Marketing, and Technology	GQ	Accounting Business Communications Business Education Business Law Business Management Administration Business Math Business Technology Finance Personal Finance	Marketing Education Computers*3 Computer Literacy*3 Keyboarding*3 Word Processing*3 Computer Applications*3 Web Design *3 Introduction to the Internet *3	 Holders of GQ endorsements, who have passed the GQ MTTC, may teach these classes in the grade levels indicated on their teaching certificates. Holders of GQ endorsements may demonstrate HQ status to teach the bolded, italicized classes in the grade levels indicated on their teaching certificates, by completing a major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).
Marketing Education	GM	Marketing Education	Distributive Education	
Agriscience and Natural Resources (formerly Agricultural Education)	HX	Classes related to plant scier resources, farm business ma repair	nce, animal science, natural anagement, and small engine	



Michigan Department of Education

Endorsement	Code		ught By Holders of Each sement	Considerations for NCLB
Industrial Technology	IX	Industrial Technology Industrial Arts Drafting/Computer Assisted Design Woods, Metals, and Plastics Technologies Electricity/Electronics Graphic Arts Automotive and Small Engine Technology Manufacturing Construction	Transportation Communication Power and Energy Technology Education Computers*3 Computer Literacy*3 Keyboarding*3 Word Processing*3 Computer Applications*3 Web Design *3 Introduction to the Internet *3	

^{*3} A specific endorsement is not needed to teach these classes. With the addition of the seventh standard to the *Entry-Level Standards for Michigan Teachers*, all new teachers are entering classrooms with technology knowledge and skills. The COATT and M-COATT programs are further strengthening the technology skills of teachers. School districts are free to assign any faculty to these classes that provide evidence of professional development related to specific technology classes, *as long as they are certified to teach at the grade levels the classes are offered.* A teacher with an elementary certificate can teach these introductory computer classes in grades K-8.

Music Education This endorsement will no longer be issued to candidates after October 2011 (This code is being replaced by the JQ.)	JX	General Music Marching Band Concert Band Orchestra Choral Music Strings	Music Theory Keyboards Jazz ensemble Wind ensemble Choir	 Holders of JX endorsements, who have passed the JX MTTC, may teach these classes in the grade levels indicated on their teaching certificates. Holders of JX endorsements may demonstrate HQ status to teach the <i>bolded, italicized</i> classes in the grade levels indicated on their teaching certificates, by completing a music major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).
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Michigan Department of Education

Endorsement	Code		Taught By Holders of Each	Considerations for NCLB
Music Education	JQ	General Music Marching Band Concert Band Orchestra Choral Music Strings	Music Theory Keyboards Jazz ensemble Wind ensemble Choir	 Holders of JQ endorsements, who have passed the JQ MTTC, may teach these classes in the grade levels indicated on their teaching certificates. Holders of JQ endorsements may demonstrate HQ status to teach the bolded, italicized classes in the grade levels indicated on their teaching certificates, by completing a music major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).
Family and Consumer Sciences	KH	Family and Consumer Sciential Health Parenthood Education Nutrition Science Pre-employment skills Family Relationships Essential Health and Living Balancing Work and Famil	Life Management Nutrition and Foods Consumer Education Family Living Life Survival Skills Skills Personal Living	
Art Education This endorsement no longer issued to candidates since October 2007. (This code was replaced by the LQ.)	LX	Visual Arts Visual Studies Art Drawing Painting Sculpture Ceramics/Pottery Design Art Appreciation Illustration	Computer Graphics & Design Video Photography Film Art History Art Criticism Aesthetics Fiber Arts Jewelry Yearbook	 Holders of LX endorsements, who have passed the LX MTTC, may teach these classes in the grade levels indicated on their teaching certificates. Holders of LX endorsements may demonstrate HQ status to teach the bolded, italicized classes in the grade levels indicated on their teaching certificates, by completing an art major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).



Michigan Department of Education

Endorsement	Code		n Be Taught By Holders of Each Endorsement	Considerations for NCLB
Visual Arts Education	LQ	Visual Arts Visual Studies Art Drawing Painting Illustration Sculpture Ceramics/Pottery Design Art Appreciation	Computer Graphics & Design Video Photography & Film Art History Art Criticism Aesthetics Fiber Arts Jewelry Yearbook	 Holders of LQ endorsements, who have passed the LQ MTTC, may teach these classes in the grade levels indicated on their teaching certificates. Holders of LQ endorsements may demonstrate HQ status to teach the bolded, italicized classes in the grade levels indicated on their teaching certificates, by completing an art major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).
Visual Arts Specialist	LZ	Visual Arts Visual Studies Art Drawing Painting Illustration Sculpture Ceramics/Pottery Design Art Appreciation	Computer Graphics & Design Photography & Film Digital/New Media Art History Art Criticism Aesthetics Fiber Arts Jewelry Yearbook	 Holders of the LZ endorsements must have completed a masters program in art education and are therefore considered HQ.
Health, Physical Education, Recreation and Dance This endorsement will no longer be issued to candidates after October 2010	MX	Health Physical Education Recreation Dance	Note: The superintendent of public instruction, in cooperation with the department of public health, shall train trainers to provide the teacher training and the development and distribution to school districts of medically accurate material on the	
Health	MA	Health Sex Education Personal Hygiene	teaching of human immunodeficiency virus infection and acquired immunodeficiency syndrome to young people.	



Michigan Department of Education

Endorsement	Code	Classes That	Can Be Taught By Holders of Each Endorsement	Considerations for NCLB
Physical Education	MB	Physical Education Physical Fitness Individual and team games: invasion (e.g. basketball, hockey, etc.) net/wall (e.g., tennis, handball, etc.) striking/fielding (e.g., baseball, kickball, etc.) target (e.g., golf, bowling, etc.) individual activities (e.g., outdoor, martial, aquatics, etc.)		
Recreation This endorsement will no longer be issued to candidates after October 2011.	MD	Outdoor Recreation (e.g., fishing, bo	pating, orienteering, etc.)	
Dance	МН	Dance Folk Dance Jazz Ballet	Modern Dance Square Dance Tap Ballroom Dancing	 Holders of MH endorsements, who have passed the MH MTTC, may teach these classes in the grade levels indicated on their teaching certificates. Holders of MH endorsements may
				demonstrate HQ status to teach the bolded, italicized classes in the grade levels indicated on their teaching certificates, by completing a dance major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).



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Endorsement	Code	Classes That Can Be Taught By Holders of Each Endorsement	Considerations for NCLB
Library Media	ND	Individuals with this endorsement can administer a school library and teach library/research skills to students. They are also well-prepared to teach: Computers*3 Computer Literacy*3 Keyboarding*3 Word Processing*3 Computer Applications*3 Web Design *3 Introduction to the Internet *3	
Environmental Studies This endorsement will no longer be issued to candidates after October 2011	NJ	Environmental Studies	
Educational Technology	NP	Individuals with this endorsement are prepared to utilize technology resources for their own class instruction and for student learning in classes for which they hold other endorsements. They may also be well-prepared to teach: Computers*3 Computer Literacy*3 Keyboarding*3 Word Processing*3 Computer Applications*3 Web Design *3 Introduction to the Internet *3	



Michigan Department of Education

Endorsement	Code	Classes That Can Be Taught By Holders of Each Endorsement	Considerations for NCLB	
Computer Science	NR	Computer Science Programming Computers*3 Computer Literacy*3 Keyboarding*3 Word Processing*3 Computer Applications*3 Web Design *3 Introduction to the Internet *3		
Michigan Teachers, all new further strengthening the tea professional development re	teachers a chnology sk elated to sp	led to teach these classes. With the addition of the seventh stare entering classrooms with technology knowledge and skills. It is discount to teachers. School districts are free to assign any faculty the ecific technology classes, as long as they are certified to teacher ecan teach these introductory computer classes in grades K-8.	The COATT and M-COATT programs are to these classes that provide evidence of at the grade levels the classes are offered.	
English as a Second Language	NS	 ESL classes Sheltered instruction in all subjects according to certificate level *4 Sheltered instruction for credit in areas of specialty endorsement. (e.g., classes for social studies credit would be taught by a teacher endorsed in both social studies and ESL.) 		
comprehensible to the stude	ents while p	s use specific strategies to teach a specific content area (e.g., romoting their English language development, has become a cel, particularly as schools prepare students to achieve high stan	common instructional approach for language	
Guidance and Counseling	NT	Individuals with this endorsement can serve in school positions as guidance counselors.		



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Endorsement	Code	Classes That Can Be Taught By Holders of Each Endorsement	Considerations for NCLB
Fine Arts	OX	Fine Arts Introduction to the Visual Arts Introduction to General Music Interdisciplinary Arts Arts Exploratory Introduction to Theatre	 Holders of OX endorsements, who have passed the OX MTTC, may teach these classes in the grade levels indicated on their teaching certificates. Holders of OX endorsements may demonstrate HQ status to teach the bolded, italicized classes in the grade levels indicated on their teaching certificates, by completing a fine arts major (or its equivalent of 30 semester credits) or by meeting the criteria established by High Objective Uniform State Standards of Evaluation (HOUSSE).
Humanities This endorsement will no longer be issued to candidates after October 2011.	PX	Humanities	
Academic Study of Religions This endorsement will no longer be issued to candidates after October 2011.	PR	Academic Study of Religions World Religions	
Philosophy This endorsement will no longer be issued to candidates after October 2011.	PS	Philosophy	
Cognitive Impairment*5	SA	Resource Room Program in Cognitive Impairment (mild, moderate, or severe)	 All Michigan special education teachers are certified to teach in special education K-12 classrooms regardless



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Endorsement	Code	Classes That Can Be Taught By Holders of Each Endorsement	Considerations for NCLB
Speech & Language Impairment*5	SB	Resource Room Program in Speech & Language Impairment (must be elementary certified) (Rule 1756) Speech & Language Services	of the grade levels indicated on their certificates. For additional information regarding HQ
Physical or Other Health Impairment*5	SC	Resource Room Program in Physical or Other Health Impairment	verification, please refer to the special education documents available at www.michigan.gov/teachercert
Emotionally Impairment*5	SE	Resource Room Program in Emotionally Impairment	
Visually Impairment*5	SK	Resource Room Program in Visually Impairment	
Hearing Impairment*5	SL	Resource Room Program in Hearing Impairment	
Learning Disabilities*5	SM	Resource Room Program in Learning Disabilities	
Physical Education for Students with Disabilities	SP	Physical Education for Students with Disabilities	
Autism*5	SV	Resource Room Program in Autism	

^{*5} Teachers with these special education endorsements can currently teach the entire K-12 curriculum to all special education students, as approved by the local school board and intermediate school district, provided the teacher has satisfied the NCLB *and* Individuals with Disability Impairment Act of 2004 (IDEIA 2004) requirements for a *Highly Qualified* teacher in core academic areas for which they provide the *direct instruction*.



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Endorsement	Code	Classes That Can Be Taught By Holders of Endorsement		Considerations for NCLB
Technology and Design	TX	Technology and Design Technology Education Concepts of Technology Physical Technology Energy & Power Technologies Transportation Technologies Manufacturing Technologies Construction Technologies	Bio-Rela Compute Compute Keyboar Word Pr Compute Web Des	er Literacy*3 ding*3 ocessing*3 er Applications*3
Michigan Teachers, all new to further strengthening the tech professional development rel	eachers a nnology sl ated to sp	ed to teach these classes. With the addition of the re entering classrooms with technology knowledge cills of teachers. School districts are free to assign ecific technology classes, as long as they hold a continuous can teach these introductory computer of	and skills. any faculty t ertificate to t	The COATT and M-COATT programs are to these classes that provide evidence of teach at the grade levels the classes are
Agriscience and Natural Resources	VA	Classes that can be taught with vocational codes directly related to specific areas of approval listed Interim Occupational Certificate or Occupational	l on the	
Business Services	VB	Classes that can be taught with vocational codes directly related to specific areas of approval listed Interim Occupational Certificate or Occupational	l on the	
Vocational Child Care	VC	Classes that can be taught with vocational codes directly related to specific areas of approval listed Interim Occupational Certificate or Occupational	l on the	
Distributive Education (VD code changed to VM in April 2004)	VM	Classes that can be taught with vocational codes directly related to specific areas of approval listed Interim Occupational Certificate or Occupational	l on the	



Michigan Department of Education

Endorsement	Code	Classes That Can Be Taught By Holders of Each Endorsement	Considerations for NCLB
Vocational Cosmetology	VE	Classes that can be taught with vocational codes are those directly related to specific areas of approval listed on the Interim Occupational Certificate or Occupational Certificate.	
Vocational Law Enforcement/Fire Science	VF	Classes that can be taught with vocational codes are those directly related to specific areas of approval listed on the Interim Occupational Certificate or Occupational Certificate.	
Vocational Health Sciences	VS	Classes that can be taught with vocational codes are those directly related to specific areas of approval listed on the Interim Occupational Certificate or Occupational Certificate.	
Vocational Teacher Cadet	VG	Classes that can be taught with vocational codes are those directly related to specific areas of approval listed on the Interim Occupational Certificate or Occupational Certificate.	
Family and Consumer Sciences (Secondary only)	VH	Classes that can be taught with vocational codes are those directly related to specific areas of approval listed on the Interim Occupational Certificate or Occupational Certificate. This endorsement is required for receipt of parenthood added cost funding.	
Vocational Technical	VT	Classes that can be taught with vocational codes are those directly related to specific areas of approval listed on the Interim Occupational Certificate or Occupational Certificate.	
Vocational Hospitality	VZ	Classes that can be taught with vocational codes are those directly related to specific areas of approval listed on the Interim Occupational Certificate or Occupational Certificate.	



Michigan Department of Education

NOTE: The Administrative Rules Governing the Certification of Michigan Teachers requires that ALL teachers hold the appropriate endorsement for the subject(s) they are assigned to teach. Federal No Child Left Behind (NCLB) legislation requires that the first step in being Highly Qualified (HQ) for a subject is to be PROPERLY STATE CERTIFIED for the subject area(s). "Core subject areas" identified in federal NCLB legislation are indicated by bold, italic text.

Endorsement	Code	Classes That Can Be Taught By Holders of Each Endorsement	Considerations for NCLB
Bilingual Endorsements	YA- YT	 Subjects for which the teacher holds primary certification/endorsement at the level of certification. Subjects are taught in English and the language of the bilingual endorsement. Native language literacy ESL courses at the level of certification Sheltered instruction*4 in all subjects using English and the language of the bilingual endorsement Sheltered instruction for credit in the areas of specialty endorsement (e.g. classes for social studies credit would be taught by a teacher endorsed in both social studies and the bilingual language. 	

^{*4} Sheltered instruction, where teachers use specific strategies to teach a specific content area (e.g., social studies or math) in ways comprehensible to the students while promoting their English language development, has become a common instructional approach for language minority students at the secondary level, particularly as schools prepare students to achieve high standards.

For additional information, see http://www.michigan.gov/teachercert