



## QUICK REFERENCE: COURSES THAT CAN BE TAUGHT

The *Administrative Rules Governing the Certification of Michigan Teachers* require ALL teachers hold the appropriate endorsement for the subject(s) they are assigned to teach. This is not an exhaustive list, but rather the common or typical course titles offered in Michigan middle and high schools (6-12 departmentalized). Furthermore, the alignment guidance is subject to change with new state endorsements, new course titles named by K-12 schools and districts, and Michigan curriculum expectations. For a comprehensive list of nationally recognized course titles with a crosswalk to Michigan endorsement areas, please see the Center for Educational Performance and Information's Registry of Educational Personnel Crosswalk at:

[http://michigan.gov/documents/cepi/REP\\_crosswalk\\_346317\\_7.xls?20140818102610](http://michigan.gov/documents/cepi/REP_crosswalk_346317_7.xls?20140818102610)

Districts must consider the following elements when using this document to make the best decisions for the assignment of teachers:

- course title
- curriculum or content of the course
- certification/endorsement and corresponding preparation program of the teacher
- Michigan Merit Curriculum standards that will be addressed
- requirements related to funding source (e.g., special education, Title I, career and technical education)
- code used for reporting (REP, TSDL, etc.)

These guidelines apply to elective as well as non-elective courses. Questions regarding endorsements and course titles appearing in this document should be directed to the Office of Professional Preparation Services at (517) 373-3310.

**NOTE:** Federal No Child Left Behind legislation requires that teachers must be highly qualified (HQ) for core subject area(s). To be considered HQ, a teacher must first be PROPERLY STATE CERTIFIED in the subject area(s). For more information regarding HQ, please see <http://www.michigan.gov/mde-hq>



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Endorsement	Code	Courses That Can Be Taught By Holders of Each Endorsement	Notes
Communication Arts	AX	Speech Debate News/broadcasting Media Communications  Public speaking Oral interpretation Forensics Journalism Yearbook School newspaper	The Michigan Department of Education is considering the discontinuation of this endorsement at the university or program level.
Language Arts	BX	Language Arts English Speech Journalism  Literature Reading Writing Yearbook	A BX on an elementary certificate is authorized for these courses, at grades 6-8.  A BX on a secondary certificate is authorized for these courses, at grades 6-12.
English	BA	English Language Arts* Grammar Writing Poetry Literature Great Books  Shakespeare Drama (Study of literature) Business Writing (offered for English credit) Writing for Publication (e.g. School Newspaper) Yearbook	*The English (BA) teacher may teach a course called "Language Arts" at the 6-8 grade level only; they are not prepared to teach reading in isolation.
Journalism	BC	Journalism Yearbook Media  School Newspaper Broadcast/Video Production Web Publishing*	*A specific endorsement is not needed to teach a course called "Web Publishing." School districts are free to assign any teacher who provides evidence of professional development related to web publishing and holds a certificate for the grade level at which the course is offered.



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Speech	BD	Speech Debate News/broadcasting Public speaking  Oral interpretation Theatre/Performance* Forensics Communications	*A specific endorsement is not needed to teach a course called "Theatre/ Performance." School districts are free to assign any teacher who provides evidence of professional development related to theatre and holds a certificate for the grade level at which the course is offered.  *Theatre/Performance is considered an NCLB core subject area.
Reading Specialist	BR	Reading Title I Reading Developmental/Remedial Reading Language Arts*	*The Reading Specialist (BR) teacher may teach a course called "Language Arts" at the K-12 level; they are not prepared to teach English in isolation. BR teachers hold a degree in reading.
Reading	BT	Reading Title I Reading Developmental/Remedial Reading	
Social Studies-Elementary	RX	Social Studies Current Events Global Studies  Economics+ Geography+ History+ Political Science+	+Including all courses listed under each individual endorsement.
Social Studies-Secondary	RX	Social Studies Current Events Global Studies  Economics+ Geography+ History+ Political Science+	+Including all courses listed under each individual endorsement.



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Social Science	CX	Social Science Social Studies Current Events Global Studies Psychology Sociology Anthropology Cultural Studies Behavioral Studies  Economics+ Geography+ History+ Political Science+	+Including all courses listed under each individual endorsement.
Economics	CA	Economics Personal Finance Financial Literacy	
Geography	CB	Geography Global Geography Michigan Geography U.S. Geography Global Issues The Global Village  Western Hemisphere Eastern Hemisphere World Regions World History and Geography* U.S. History and Geography*	*Teachers completing programs prior to June 2009 must have professional development related to the teaching of history to teach integrated history and geography courses.
History	CC	History Michigan History European History U.S. History and Geography* World History and Geography*	*Teachers completing programs prior to June 2009 must have professional development related to the teaching of geography to teach integrated history and geography courses.
Political Science	CD	Political Science American Government American Problems  Government Civics Contemporary World Issues	
Psychology	CE	Psychology	



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Sociology	CF	Sociology	
Anthropology	CH	Anthropology	The CH is no longer required to teach Anthropology. School districts are free to assign teachers to this course which provide evidence of professional development and hold a certificate for the grade level the course is offered.
Cultural Studies	CL	Cultural Studies Cultural Anthropology Modern Popular Culture	The CL is no longer required to teach Cultural Studies. School districts are free to assign teachers to this course which provide evidence of professional development and hold a certificate for the grade level the course is offered.
Behavioral Studies	CM	Behavioral Studies	The CM is no longer required to teach Behavioral Studies. School districts are free to assign teachers to this course which provide evidence of professional development and hold a certificate for the grade level the course is offered.
Science	DX	General Science Science Biology+ Chemistry+  Physics+ Earth/Space Science+ Physical Science+	+Including all courses listed under each individual endorsement.



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Integrated Science	DI	Integrated Science General Science Science  Biology+ Chemistry+ Physics+ Earth/Space Science+ Physical Science+	+Including all courses listed under each individual endorsement.
Biology	DA	Biology Ecology Botany Zoology Human Anatomy and Physiology Environmental Science  Life Science Biochemistry Genetics Microbiology Forensic Science	
Chemistry	DC	Chemistry Organic chemistry Biochemistry Forensic Science	Teachers holding the Chemistry (DC) endorsement alone and having taught in physical science classrooms prior to conclusion of the 2011-2012 academic year may continue to be assigned to physical science classrooms during the 2012-2013 academic year and thereafter. <i>(Vaughn 6-14-2012 Memo)</i>
Physics	DE	Physics Astronomy	Teachers holding the Physics (DE) endorsement alone and having taught in physical science classrooms prior to conclusion of the 2011-2012 academic year may continue to be assigned to physical science classrooms during the 2012-2013 academic year and thereafter. <i>(Vaughn 6-14-2012 Memo)</i>



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Earth/Space Science	DH	Earth/Space Science Astronomy Geology Limnology  Meteorology Mineralogy Oceanography Weather Environmental Science	
Physical Science	DP	Physical Science Physics Chemistry	
Mathematics-Elementary	EX	Mathematics Arithmetic Number Theory Pre-algebra Algebra Geometry	
Mathematics-Secondary	EX	Mathematics Arithmetic Number Theory Pre-algebra Algebra Geometry  Calculus Statistics College Algebra Trigonometry Solid Geometry Personal Finance	



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World Language	FA-FS	World Language, grammar and culture courses in language of endorsement	<p>American Sign Language (ASL) is considered a World Language.</p> <p>A teacher currently certified and endorsed with Hearing Impairment (SL), AND able to demonstrate an ASL proficiency level of at least Intermediate Plus on the SLPI or 3 on the ASLPI, can teach ASL at the grade levels indicated on their certification (K-12). All other teachers of ASL may only be assigned under the appropriate permit.</p>		
Business Education	GX	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;">           Accounting            Business Administration            Business Communications            Business Education            Business Law            Business Math            Business Technology Marketing                Education            Personal Finance         </td> <td style="width: 50%; vertical-align: top;">           Secretarial Science            Computers*            Computer Literacy*            Keyboarding*            Word Processing*            Computer Applications*            Web Design*            Introduction to the Internet*         </td> </tr> </table>	Accounting Business Administration Business Communications Business Education Business Law Business Math Business Technology Marketing Education Personal Finance	Secretarial Science Computers* Computer Literacy* Keyboarding* Word Processing* Computer Applications* Web Design* Introduction to the Internet*	<p>*A specific endorsement is not needed to teach these courses. School districts are free to assign any teacher who provides evidence of professional development related to these courses, and holds a certificate for the grade level at which these courses are offered.</p>
Accounting Business Administration Business Communications Business Education Business Law Business Math Business Technology Marketing Education Personal Finance	Secretarial Science Computers* Computer Literacy* Keyboarding* Word Processing* Computer Applications* Web Design* Introduction to the Internet*				
Accounting	GA	Accounting Personal Finance Finance			
Business Administration	GH	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;">           Business Administration            Business Communications            Personal Finance         </td> <td style="width: 50%; vertical-align: top;">           Business Education            Business Law         </td> </tr> </table>	Business Administration Business Communications Personal Finance	Business Education Business Law	
Business Administration Business Communications Personal Finance	Business Education Business Law				
Secretarial Science	GI	Secretarial Science			





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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* Computer Literacy* Keyboarding* Word Processing* Computer Applications* Web Design* Introduction to the Internet*	*A specific endorsement is not needed to teach these courses. School districts are free to assign any teacher who provides evidence of professional development related to these courses, and holds a certificate for the grade level at which these courses are offered.
Marketing Education	GM	Marketing Education	Distributive Education	
Agriscience and Natural Resources	HX	Courses related to plant science, animal science, natural resources, farm business management, and small engine repair.		
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* Computer Literacy* Keyboarding* Word Processing* Computer Applications* Web Design* Introduction to the Internet*	*A specific endorsement is not needed to teach these courses. School districts are free to assign any teacher who provides evidence of professional development related to these courses, and holds a certificate for the grade level at which these courses are offered.  The IX and TX endorsements were integrated into the TE endorsement April 12, 2011.



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Music Education	JX	General Music Marching Band Concert Band Orchestra Choral Music Strings	Music Theory Keyboards Jazz Ensemble Wind Ensemble Choir
Music Education	JQ	General Music Marching Band Concert Band Orchestra Choral Music Strings	Music Theory Keyboards Jazz Ensemble Wind Ensemble Choir
Family and Consumer Sciences	KH	Family and Consumer Science Health Parenthood Education Nutrition Science Pre-Employment Skills Family Relationships Essential Health and Living Skills Balancing Work and Family	Pre-Parenthood Life Management Nutrition and Foods Consumer Education Family Living Life Survival Skills Personal Living Personal Finance
Art Education	LX	Art Visual Arts Visual Studies Drawing Painting Sculpture Ceramics/Pottery Design Art Appreciation Illustration	Computer Graphics and Design Video Photography and Film Art History Art Criticism Aesthetics Fiber Arts Jewelry Yearbook



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Visual Arts Education	LQ	Art Visual Arts Visual Studies Drawing Painting Illustration Sculpture Ceramics/Pottery Design Art Appreciation Digital Media Computer Graphics and Design Video Photography and Film Art History Art Criticism Aesthetics Fiber Arts Jewelry Yearbook	
Visual Arts Specialist	LZ	Art Visual Arts Visual Studies Drawing Painting Illustration Sculpture Ceramics/Pottery Design Art Appreciation Digital Media Computer Graphics and Design Photography and Film Digital/New Media Art History Art Criticism Aesthetics Fiber Arts Jewelry Yearbook	LZ teachers hold a master's degree in Visual Arts Education.
Health, Physical Education, Recreation and Dance	MX	Health+ Physical Education+ Recreation+ Dance+	+Including all courses listed under each individual endorsement.
Health	MA	Health Sex Education Personal Hygiene	



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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	MD	Outdoor Recreation (e.g., fishing, boating, orienteering, etc.)									
Dance	MH	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Dance</td> <td style="width: 50%;">Modern Dance</td> </tr> <tr> <td>Folk Dance</td> <td>Square Dance</td> </tr> <tr> <td>Jazz</td> <td>Tap</td> </tr> <tr> <td>Ballet</td> <td>Ballroom Dancing</td> </tr> </table>	Dance	Modern Dance	Folk Dance	Square Dance	Jazz	Tap	Ballet	Ballroom Dancing	
Dance	Modern Dance										
Folk Dance	Square Dance										
Jazz	Tap										
Ballet	Ballroom Dancing										
Library Media	ND	Teachers with the ND endorsement can administer a school library and teach library/research skills to students. Teachers are also well-prepared to teach: Computers* Computer Literacy* Keyboarding* Word Processing* Computer Applications* Web Design* Introduction to the Internet*	*A specific endorsement is not needed to teach these courses. School districts are free to assign any teacher who provides evidence of professional development related to these courses, and holds a certificate for the grade level at which these courses are offered.								



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Environmental Studies	NJ	Environmental Studies	The NJ is no longer required to teach Environmental Studies. School districts are free to assign teachers to this course which provide evidence of professional development and hold a certificate for the grade level the course is offered.
Educational Technology	NP	Individuals with the NP endorsement are prepared to utilize technology resources for their own course instruction and for student learning in courses for which they hold other endorsements. Teachers may also be well-prepared to teach: Computers* Computer Literacy* Keyboarding* Word Processing* Computer Applications* Web Design* Introduction to the Internet*	*A specific endorsement is not needed to teach these courses. School districts are free to assign any teacher who provides evidence of professional development related to these courses, and holds a certificate for the grade level at which these courses are offered.
Computer Science	NR	Computer Science Programming Computers* Computer Literacy* Keyboarding* Word Processing* Computer Applications* Web Design* Introduction to the Internet*	*A specific endorsement is not needed to teach these courses. School districts are free to assign any teacher who provides evidence of professional development related to these courses, and holds a certificate for the grade level at which these courses are offered.



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English as a Second Language	NS	English as a Second Language (ESL) courses. Sheltered instruction** in all subjects according to certificate grade level and Michigan Merit Curriculum credit in areas of specialty endorsement (e.g., courses for social studies credit would be taught by a teacher endorsed in both social studies and ESL).	<p>**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.</p> <p>The NS endorsement is not authorization to teach in a bilingual classroom.</p>
School Counselor	NT	Career Exploration Career Choices Guidance Diversity Group Analysis Post-Secondary Options Crisis Intervention Comprehensive Guidance and Counseling College and Career Ready	<p>Teachers with the NT endorsement, holders of the Preliminary Employment Authorization to work as a School Counselor, Temporary School Counselor Authorization, and School Counselor License all can serve as school guidance counselors.</p> <p>However, holders of the Temporary School Counselor Authorization, and School Counselor License cannot teach these courses (as teacher of record). They can otherwise serve in the full capacity of a school counselor.</p>
Fine Arts	OX	Fine Arts Introduction to the Visual Arts Introduction to General Music Interdisciplinary Arts Arts Exploratory Introduction to Theatre	



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Humanities	PX	Humanities	The PX is no longer required to teach Humanities. School districts are free to assign teachers to this course which provide evidence of professional development and hold a certificate for the grade level the course is offered.
Academic Study of Religions	PR	Academic Study of Religions World Religions	The PR is no longer required to teach Academic Study of Religions. School districts are free to assign teachers to this course which provide evidence of professional development and hold a certificate for the grade level the course is offered.
Philosophy	PS	Philosophy	The PS is no longer required to teach Philosophy. School districts are free to assign teachers to this course which provide evidence of professional development and hold a certificate for the grade level the course is offered.
Cognitive Impairment*	SA	Resource Room Program in Cognitive Impairment (mild, moderate, or severe)	*Teachers with 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
Speech & Language Impairment*	SB	Resource Room Program in Speech & Language Impairment (must be elementary certified) (Rule 1756) Speech & Language Services	
Physical or Other Health Impairment*	SC	Resource Room Program in Physical or Other Health Impairment	



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Emotionally Impairment*	SE	Resource Room Program in Emotionally Impairment	<p>teacher in core academic areas for which they provide the direct instruction.</p> <p>All Michigan special education teachers are certified to teach in special education K-12 classrooms regardless of the grade level indicated on their certificate.</p> <p>A teacher currently certified and endorsed with Hearing Impairment (SL), AND able to demonstrate an ASL proficiency level of at least Intermediate Plus on the SLPI or 3 on the ASLPI, can teach ASL at the grade levels indicated on their certification (K-12).</p>		
Visually Impairment*	SK	Resource Room Program in Visually Impairment			
Hearing Impairment*	SL	Resource Room Program in Hearing Impairment			
Learning Disabilities*	SM	Resource Room Program in Learning Disabilities			
Physical Education for Students with Disabilities*	SP	Physical Education for Students with Disabilities			
Autism*	SV	Resource Room Program in Autism			
Technology and Design	TX	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;">                     Technology and Design                      Technology Education                      Concepts of Technology                      Physical Technology                      Energy &amp; Power Technologies                      Transportation Technologies                      Manufacturing Technologies                      Construction Technologies                 </td> <td style="width: 50%; vertical-align: top;">                     Information Technology                      Bio-Related Technology                      Computers*                      Computer Literacy*                      Keyboarding*                      Word Processing*                      Computer Applications*                      Web Design*                      Introduction to the Internet*                 </td> </tr> </table>	Technology and Design Technology Education Concepts of Technology Physical Technology Energy & Power Technologies Transportation Technologies Manufacturing Technologies Construction Technologies	Information Technology Bio-Related Technology Computers* Computer Literacy* Keyboarding* Word Processing* Computer Applications* Web Design* Introduction to the Internet*	<p>*A specific endorsement is not needed to teach these courses. School districts are free to assign any teacher who provides evidence of professional development related to these courses, and holds a certificate for the grade level at which these courses are offered.</p> <p>The TX and IX were integrated into the TE endorsement April 12, 2011</p>
Technology and Design Technology Education Concepts of Technology Physical Technology Energy & Power Technologies Transportation Technologies Manufacturing Technologies Construction Technologies	Information Technology Bio-Related Technology Computers* Computer Literacy* Keyboarding* Word Processing* Computer Applications* Web Design* Introduction to the Internet*				





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Industrial and Technology Education	TE	Industrial Technology Drafting/Computer Assisted Design Woods, Metals, and Plastics Technologies Graphic Arts Automotive and Small Engine Technology Technology and Design Technology Education Concepts of Technology Physical Technology Energy & Power Technologies Transportation Technologies Manufacturing Technologies Construction Technologies	Manufacturing Construction Electricity/Electronics Industrial Arts Transportation Communication Power and Energy Technology Education Information Technology Bio-Related Technology Computers* Computer Literacy* Keyboarding* Word Processing* Computer Applications* Web Design* Introduction to the Internet*	<p>*A specific endorsement is not needed to teach these courses. School districts are free to assign any teacher who provides evidence of professional development related to these courses, and holds a certificate for the grade level at which these courses are offered.</p> <p>The TE MTTC is anticipated to be available in October 2016 testing administration.</p>
Career and Technology Education (CTE)	VA-VZ	Teachers with VA through VZ endorsements must have an Interim Occupational Certificate, Occupational Certificate, or Full Occupation Authorization to teach CTE courses. For proper placement in a CTE course refer to the complete list of State-Recognized Secondary Career and Technical Education Program CIP Codes at: <a href="http://www.michigan.gov/documents/mde/CIP_Program_Endorsements_for_CTE_Instruction_428077_7.pdf?20140829113930">http://www.michigan.gov/documents/mde/CIP_Program_Endorsements_for_CTE_Instruction_428077_7.pdf?20140829113930</a>		



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Bilingual	YA-YT	<p>Subjects for which the teacher holds specific content endorsement(s) at the level of certification, taught in English and the language of the bilingual endorsement.</p> <p>Native language literacy.</p> <p>ESL courses at the level of certification.</p> <p>Sheltered instruction** in all subjects according to certificate grade level and Michigan Merit Curriculum credit in areas of specialty endorsement (e.g., courses for social studies credit would be taught by a teacher endorsed in both social studies and bilingual).</p>	<p>**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.</p>
Middle School	ZD	5-8 all subjects	<p>Middle School (ZD) endorsement expands the older 7-8 all subjects to 5-8 all subjects. This endorsement is rare but does exist. ZD has been discontinued and no new endorsements of this type can be added.</p>
Middle Level Specialization	ZL		<p>Middle Level Specialization (ZL) endorsement expands the 6-12 subject endorsements to 5-12 subject endorsements. It does not expand the 7-8 all subjects' endorsement. That specific designation remains only 7-8 in this situation.</p>