



Quick Reference: Courses That Can be Taught

Michigan Compiled Laws (MCL) 380.1531 and the Administrative Rules Governing the Certification of Michigan Teachers (Michigan Administrative Code) require teachers hold the endorsement for the subject(s) in which they are assigned to teach. This document will serve as a guide for assigning staff to common or typical course titles offered in Michigan middle and high schools (6-12 departmentalized). It is understood that this is not an exhaustive list of all possible courses. Companion documents for placement are also available for [Assignments for "All Subjects" Endorsed Teachers](#) and [Appropriate Placement of Educators](#). These documents are subject to change and updates 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](#).

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

- CURRICULUM AND CONTENT
- CREDIT BEING AWARDED TO PK-12 STUDENTS
- CONTEXT AND FUNDING
- CERTIFICATION, ENDORSEMENT, AND PREPARATION OF STAFF
- CODING AND REPORTING

Note: The Michigan Department of Education (MDE) maintains a current list of [Michigan endorsement areas](#) on their website.

These [considerations](#) 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 Educator Excellence at 517-241-5000. Questions on the coding and reporting of the course should be directed to the Center for Educational Performance and Information ([CEPI](#)) at 517-335-0505 ex. 3.



Quick Reference: Courses That Can be Taught

Endorsement	Code	Courses That Can Be Taught by Holders of Each Endorsement	Notes	
Communication Arts	AX	Speech Debate News/broadcasting Communications Public speaking Forensics	Oral interpretation Media* Journalism* Yearbook* School newspaper*	<p>The AX endorsement was discontinued beginning the 2017-2018 school year. The AX endorsement will not be removed from teaching certificates and teachers with the AX endorsement can still be assigned to teach these courses.</p> <p>*When the Journalism endorsement was discontinued beginning the 2017-2018 school year, a specific endorsement will not be required to teach journalism. The Journalism (BC) endorsement will not be removed from teaching certificates.</p> <p>School districts may assign any teacher to a journalism course who provides evidence of content knowledge and skills along with holding an endorsement for the grade level at which the course is offered.</p>



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Endorsement	Code	Courses That Can Be Taught by Holders of Each Endorsement	Notes
Language Arts	BX	<p>Language Arts</p> <p>English Speech Journalism*</p> <p>Literature Reading Writing Yearbook* School newspaper*</p>	<p>A BX on an elementary certificate is authorized for these courses, at grades 6-8. Additional information: Appropriate Instructional Assignments for Elementary Certified Teachers</p> <p>A BX on a secondary certificate is authorized for these courses, at grades 6-12.</p> <p>*When the Journalism endorsement was discontinued beginning the 2017-2018 school year, a specific endorsement will not be required to teach journalism. School districts may assign any teacher to a journalism course who provides evidence of content knowledge and skills along with holding an endorsement for the grade level at which the course is offered. The Journalism (BC) endorsement will not be removed from teaching certificates.</p> <p>Additional information: Reading Course Assignments</p>



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Endorsement	Code	Courses That Can Be Taught by Holders of Each Endorsement	Notes	
English	BA	English Language Arts* Grammar Writing Poetry Literature Great Books	Shakespeare Drama (Study of literature) Business Writing (offered for English credit) School Newspaper** Yearbook**	<p>*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.</p> <p>**When the Journalism endorsement was discontinued beginning the 2017-2018 school year, a specific endorsement will not be required to teach journalism. School districts may assign any teacher to a journalism course who provides evidence of content knowledge and skills along with holding an endorsement for the grade level at which the course is offered. The Journalism (BC) endorsement will not be removed from teaching certificates.</p>
Journalism	BC	Journalism Yearbook Media	School newspaper Broadcast/Video Production Web Publishing	<p>The BC endorsement was discontinued beginning the 2017-2018 school year and will no longer be required to teach these courses.</p> <p>The BC endorsement will not be removed from teaching certificates.</p> <p>School districts may assign any teacher to a journalism course who provides evidence of content knowledge and skills along with holding an endorsement for the grade level at which the course is offered.</p>



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Endorsement	Code	Courses That Can Be Taught by Holders of Each Endorsement	Notes
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 may assign any teacher to a Theatre/Performance course who provides evidence of content knowledge and skills along with holding an endorsement for the grade level at which the course is offered. *Theatre/Performance is NO LONGER 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. Additional information: Reading Course Assignments
Reading	BT	Reading Title I Reading Developmental/Remedial Reading	Additional information: Reading Course Assignments
Social Studies	RX	Social Studies Current Events Global Studies Economics+ Geography+ History+ Political Science+	+Including all courses listed under each individual endorsement. Additional information: Social Studies Courses



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Endorsement	Code	Courses That Can Be Taught by Holders of Each Endorsement	Notes	
Social Science	CX	Social Science Social Studies Current Events Global Studies Psychology Sociology Anthropology Cultural Studies+ Behavioral Studies	Economics+ Geography+ History+ Political Science+	The CX endorsement has been discontinued. The CX endorsement was not removed from teaching certificates and is still valid for these assignments. +Including all courses listed under each individual endorsement. Additional information: Social Studies Courses
Economics	CA	Economics Financial Literacy Personal Finance	Additional information: Social Studies Courses	
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 illustrate to the district that they have the skills needed in content knowledge and pedagogy to teach integrated history and geography courses. Additional information: Social Studies Courses



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Endorsement	Code	Courses That Can Be Taught by Holders of Each Endorsement	Notes
History	CC	History Michigan History European History U.S. History and Geography* World History and Geography*	*Teachers completing programs prior to June 2009 must illustrate to the district that they have the skills needed in content knowledge and pedagogy to teach integrated history and geography courses. Additional information: Social Studies Courses
Political Science	CD	Political Science American Government American Problems Government Civics Contemporary World Issues 	Additional information: Social Studies Courses
Psychology	CE	Psychology	
Sociology	CF	Sociology	The CF endorsement was discontinued beginning the 2017-2018 school year and will no longer be required to teach Sociology. The CF endorsement will not be removed from teaching certificates. School districts may assign any teacher to a Sociology course who provides evidence of content knowledge and skills along with holding an endorsement for the grade level at which the course is offered.



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Endorsement	Code	Courses That Can Be Taught by Holders of Each Endorsement	Notes
Anthropology	CH	Anthropology	<p>The CH is no longer required to teach Anthropology.</p> <p>The CH endorsement will not be removed from teaching certificates.</p> <p>School districts may assign any teacher to an Anthropology course who provides evidence of content knowledge and skills along with holding an endorsement for the grade level at which the course is offered.</p>
Cultural Studies	CL	Cultural Studies Cultural Anthropology Modern Popular Culture	<p>The CL is no longer required to teach these courses.</p> <p>The CL endorsement will not be removed from teaching certificates.</p> <p>School districts may assign any teacher to a Cultural Studies course who provides evidence of content knowledge and skills along with holding an endorsement for the grade level at which the course is offered.</p>



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Behavioral Studies	CM	Behavioral Studies	<p>The CM is no longer required to teach Behavioral Studies.</p> <p>The CM endorsement will not be removed from teaching certificates.</p> <p>School districts may assign any teacher to a Behavioral Studies course who provides evidence of content knowledge and skills along with holding an endorsement for the grade level at which the course is offered.</p>	
Science	DX	General Science Science Biology+ Chemistry+	Physics+ Earth/Space Science+ Physical Science+	<p>+Including all courses listed under each individual endorsement.</p> <p>The DX endorsement was transitioned into the Integrated Science (DI) endorsement after the 2003-2004 school year. Both endorsements can be assigned interchangeably.</p> <p>Additional information: Science Courses STEM and STEAM Classes</p>
Integrated Science	DI	Integrated Science General Science Science	Biology+ Chemistry+ Physics+ Earth/Space Science+ Physical Science+	<p>+Including all courses listed under each individual endorsement.</p> <p>Additional information: Science Courses STEM and STEAM Classes</p>



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Endorsement	Code	Courses That Can Be Taught by Holders of Each Endorsement	Notes
Biology	DA	Biology Ecology Botany Zoology Human Anatomy and Physiology Environmental Science Life Science Biochemistry Genetics Microbiology Forensic Science	Additional information: Science Courses
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. (Vaughn 6-14-2012 Memo) Additional information: Science Courses
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. (Vaughn 6-14-2012 Memo) Additional information: Science Courses



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Endorsement	Code	Courses That Can Be Taught by Holders of Each Endorsement	Notes
Earth/Space Science	DH	Earth/Space Science Astronomy Geology Limnology Meteorology Mineralogy Oceanography Weather Environmental Science	Additional information: Science Courses
Physical Science	DP	Physical Science Physics Chemistry	Additional information: Science Courses
Mathematics	EX	Mathematics Arithmetic Number Theory Pre-algebra Algebra Geometry Calculus Statistics College Algebra Trigonometry Solid Geometry Personal Finance	Additional information: STEM and STEAM Classes



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Endorsement	Code	Courses That Can Be Taught by Holders of Each Endorsement	Notes
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>Per the May 14, 2015 memo, 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> <p>The Russian (FE) endorsement and the Polish (FI) endorsement were both discontinued beginning the 2017-2018 school year. FE will not be required to teach Russian and FI will not be required to teach Polish. These endorsements will not be removed from teaching certificates. School districts may assign any teacher to these course who provides evidence of content knowledge and skills along with holding an endorsement for the grade level at which the course is offered.</p>



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Endorsement	Code	Courses That Can Be Taught by Holders of Each Endorsement	Notes
Business Education	GX	Accounting Business Administration Business Communications Business Education Business Law Business Math Business Technology Marketing Education Personal Finance	Secretarial Science
Accounting	GA	Accounting Personal Finance Finance	
Business Administration	GH	Business Administration Business Communications Personal Finance	Business Education Business Law
Secretarial Science	GI	Secretarial Science	
Marketing Education	GM	Marketing Education	Distributive Education The GM endorsement was discontinued beginning the 2017-2018 school year and will no longer be required to teach these courses. The GM endorsement will not be removed from teaching certificates. School districts may assign any teacher to a Marketing Ed. course who provides evidence of content knowledge and skills along with holding an endorsement for the grade level at which the course is offered.



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Endorsement	Code	Courses That Can Be Taught by Holders of Each Endorsement	Notes	
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* Distributive Education*	*When the Marketing endorsement was discontinued beginning the 2017-2018 school year, a specific endorsement will not be required to teach these courses. School districts may assign any teacher to a these course who provides evidence of content knowledge and skills along with holding an endorsement for the grade level at which the course is offered.
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	The IX and TX endorsements were integrated into the TE endorsement April 12, 2011. The IX endorsement will not be removed from teaching certificates. Refer to the TE endorsement for more information.



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Endorsement	Code	Courses That Can Be Taught by Holders of Each Endorsement		Notes
Music Education	JX or JQ	General Music Marching Band Concert Band Orchestra Choral Music Strings	Music Theory Keyboards Jazz Ensemble Wind Ensemble Choir	The JX endorsement was transitioned into the Music Education (JQ) after the 2006-2007 school year. Both endorsements can be assigned interchangeably.
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, or Visual Arts Education	LX, or LQ	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	The LX endorsement was transitioned into the Visual Arts Education (LQ) after the 2002-2003 school year. Both endorsements can be assigned interchangeably.



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Endorsement	Code	Courses That Can Be Taught by Holders of Each Endorsement	Notes
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	<p>The LZ endorsement was discontinued beginning the 2017-2018 school year.</p> <p>The LZ endorsement will not be removed from teaching certificates and teachers with the LZ can still be assigned to teach these courses.</p> <p>LZ teachers hold a master's degree in Visual Arts Education.</p>



Quick Reference: Courses That Can be Taught

Endorsement	Code	Courses That Can Be Taught by Holders of Each Endorsement	Notes
Health, Physical Education, Recreation and Dance	MX	Health+ Physical Education+ Recreation+* Dance+*	+Including all courses listed under each individual endorsement. *When the Recreation (MD) and Dance (MH) endorsements was discontinued beginning the 2017-2018 school year, a specific endorsement will not be required to teach these courses. The MD and MH endorsements will not be removed from teaching certificates. School districts may assign any teacher to a Recreation or Dance course who provides evidence of content knowledge and skills along with holding an endorsement for the grade level at which the course is offered. Note: Dance is NO LONGER considered a core subject area.
Health	MA	Health Sex Education Personal Hygiene	
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., weight training, outdoor, etc.)	



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Endorsement	Code	Courses That Can Be Taught by Holders of Each Endorsement	Notes
Health and Physical Education	MC	Health+ Sex Education Personal Hygiene 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., weight training, outdoor, etc.)	+Including all courses listed under each individual endorsement.
Recreation	MD	Outdoor Recreation (e.g., fishing, boating, orienteering, etc.)	<p>The MD endorsement was discontinued beginning the 2017-2018 school year and will no longer be required to teach Recreation.</p> <p>The MD endorsement will not be removed from teaching certificates.</p> <p>School districts may assign any teacher to a Recreation course who provides evidence of content knowledge and skills along with holding an endorsement for the grade level at which the course is offered.</p>



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Endorsement	Code	Courses That Can Be Taught by Holders of Each Endorsement	Notes
Dance	MH	Dance Folk Dance Jazz Ballet Modern Dance Square Dance Tap Ballroom Dancing	<p>The MH endorsement was discontinued beginning the 2017-2018 school year and will no longer be required to teach Dance.</p> <p>The MH endorsement will not be removed from teaching certificates.</p> <p>School districts may assign any teacher to a Dance course who provides evidence of content knowledge and skills along with holding an endorsement for the grade level at which the course is offered.</p>
Library Media	ND	<p>Teachers with the ND endorsement can operate a school library and teach library/research skills to students. Teachers are also well-prepared to teach:</p> <p>Computer Literacy* Keyboarding* Word Processing* Computer Applications* Web Design* Introduction to the Internet*</p>	<p>*A specific endorsement is not needed to teach these courses. School districts may assign any teacher to these courses who provides evidence of content knowledge and skills along with holding an endorsement for the grade level at which the course is offered.</p>
Non-Endorsed Content Area	NE	<p>Individuals who hold the NE endorsement on a valid Michigan teaching certificate may be assigned to non-endorsed areas* at the grade level of the endorsement held. Evidence of content knowledge and skills appropriate to the assignment are required for placement.</p>	<p>*A non-endorsed area is a course that is not covered by any of the endorsements offered in Michigan. When assigning teachers, districts should refer to the Proper Placement Considerations guidance document.</p>



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Endorsement	Code	Courses That Can Be Taught by Holders of Each Endorsement	Notes
Environmental Studies	NJ	Environmental Studies	The NJ is no longer required to teach Environmental Studies. The NJ endorsement will not be removed from teaching certificates. School districts may assign any teacher to an Environmental Studies course who provides evidence of content knowledge and skills along with holding an endorsement for the grade level at which the course is offered.
Educational Technology	NP	<p>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:</p> <ul style="list-style-type: none"> 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 may assign any teacher to an Educational Technology course who provides evidence of content knowledge and skills along with holding an endorsement for the grade level at which the course is offered.



Quick Reference: Courses That Can be Taught

Endorsement	Code	Courses That Can Be Taught by Holders of Each Endorsement	Notes
Computer Science	NR	Computer Science Programming Computers Computer Literacy Keyboarding Word Processing Computer Applications Web Design Introduction to the Internet	<p>The NR endorsement was discontinued beginning the 2017-2018 school year and will no longer be required to teach these courses.</p> <p>The NR endorsement will not be removed from teaching certificates.</p> <p>School districts may assign any teacher to a Computer Science course who provides evidence of content knowledge and skills along with holding an endorsement for the grade level at which the course is offered.</p> <p>Additional information: Computer Science Courses</p>
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>



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Endorsement	Code	Courses That Can Be Taught by Holders of Each Endorsement	Notes
School Counselor	NT	Career Exploration Career Choices Information Diversity Group Analysis Post-Secondary Options Crisis Intervention Comprehensive Information and Counseling College and Career Ready	<p>Teachers with the NT endorsement, holders of the Preliminary School Counselor Credential to work as a School Counselor, Temporary School Counselor Credential, and School Counselor License all can serve as school information counselors.</p> <p>However, holders of the Temporary School Counselor Authorization, and School Counselor License cannot teach these courses as teacher of record without an appropriate permit.</p>
Fine Arts	OX	Fine Arts Introduction to the Visual Arts Introduction to General Music Interdisciplinary Arts Arts Exploratory Introduction to Theatre	<p>The OX endorsement was discontinued beginning the 2017-2018 school year. The OX endorsement will not be removed from teaching certificates and teachers with the OX can still be assigned to teach these courses.</p>
Humanities	PX	Humanities	<p>The PX is no longer required to teach Humanities. The PX endorsement will not be removed from teaching certificates. School districts may assign any teacher to a Humanities course who provides evidence of content knowledge and skills along with holding an endorsement for the grade level at which the course is offered.</p>



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Academic Study of Religions	PR	Academic Study of Religions World Religions	The PR is no longer required to teach Academic Study of Religions. The PR endorsement will not be removed from teaching certificates. School districts may assign any teacher to an Academic Study of Religions course who provides evidence of content knowledge and skills along with holding an endorsement for the grade level at which the course is offered.
Philosophy	PS	Philosophy	The PS is no longer required to teach Philosophy. The PS endorsement will not be removed from teaching certificates. School districts may assign any teacher to a Philosophy course who provides evidence of content knowledge and skills along with holding an endorsement for the grade level at which the course is offered.
Cognitive Impairment*	SA	Resource Room Program for Cognitive Impairment (mild, moderate, or severe)	* Teachers with special education program endorsements are authorized under Michigan Administrative Rules for Special Education (MARSE) to provide special education instruction and services, as approved by the local school board and intermediate school district, provided the teacher has satisfied the MARSE requirements.
Speech & Language Impairment*	SB	Resource Room Program for Speech & Language Impairment (must be elementary certified) (Rule 1756) Speech & Language Services	
Physical or Other Health Impairment*	SC	Resource Room Program for Physical or Other Health Impairment	



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Emotional Impairment*	SE	Resource Room Program for Emotional Impairment	<p>For additional information on placement of special education endorsed teachers, including demonstration of content knowledge, contact the Office of Special Education (MDE- OSE@Michigan.gov) or review the Special Education Teacher Assignments document</p> <p>A teacher currently certified and endorsed with Deaf and Hard of Hearing (SL), AND able to demonstrate an American Sign Language (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) per the May 14, 2015 memo.</p>
Visual Impairment*	SK	Resource Room Program for Visual Impairment	
Deaf and Hard of Hearing*	SL	Resource Room Program for Deaf and Hard of Hearing	
Learning Disabilities*	SM	Resource Room Program for 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	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Technology and Design Technology Education Concepts of Technology Physical Technology Energy & Power Technologies Transportation Technologies Manufacturing Technologies Construction Technologies </div> <div style="width: 45%;"> Information Technology Bio-Related Technology </div> </div>	<p>The TX and IX were integrated into the TE endorsement April 12, 2011.</p> <p>The TX endorsement will not be removed from teaching certificates.</p>



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Endorsement	Code	Courses That Can Be Taught by Holders of Each Endorsement	Notes	
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	<p>These courses may also be taught by holders of the Standard CTE Certificate or Professional CTE Certificate with the corresponding CIP code for the course. For information on matching CIP codes with industrial technology courses, refer to the complete list of State-Recognized Secondary Career and Technical Education Program CIP Codes.</p> <p>When a certified teacher is not available, schools may obtain either a permit or an annual authorization to employ a non-certified individual to staff these courses.</p>



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Career and Technology Education (CTE)	VA-VZ	<p>“V Codes” on Standard, Professional or Advanced Professional Teaching Certificates are <i>indicators</i> that the individual also holds a corresponding Standard, Professional, or Advanced Professional CTE certificate. Teachers with VA through VZ endorsement codes are not authorized to teach in a state approved CTE funded program without a valid Standard CTE or Professional CTE Certificate with the CIP code designated for the program. For proper placement in a CTE course refer to the complete list of State-Recognized Secondary Career and Technical Education Program CIP Codes.</p> <p>When a certified teacher is not available, schools may obtain either an annual authorization or a Daily Substitute Permit to employ a non-certified individual to staff these courses.</p>	<p>Holders of the Standard CTE Certificate or Professional CTE Certificate with CIP codes may be assigned to teach corresponding courses outside of state approved CTE funded programs as well. For information on matching CIP codes with industrial technology courses that may be offered in general education settings, refer to the complete list of State-Recognized Secondary Career and Technical Education Program CIP Codes.</p>



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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> <p>The YL Bilingual Other endorsement was discontinued beginning the 2017-2018 school year. The YL endorsement will not be removed from teaching certificates and teachers with the YL can still be assigned to teach the bilingual language indicated.</p>
Middle School	ZD	5-9 all subjects	<p>Middle School (ZD) endorsement expands the 7-8 all subjects to 5-9 all subjects. This endorsement is rare. The ZD has been discontinued and no new endorsements of this type can be added. The ZD endorsement will not be removed from teaching certificates.</p> <p>Additional Information: Middle School Endorsements</p>



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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> <p>Additional Information: Middle School Endorsements</p>