Transfer agreement between Monroe Community College and Corning Community College for Optical Systems Technology

Mathematics and Science AS Program
Science, Technology, Engineering, Arts, and Mathematics Division
Corning Community College (CCC)

Transfer Agreement With

Optical Systems Technology Program AAS
Engineering Technologies Department
Monroe Community College (MCC)

Effective Term: Fall 2025/Spring 2026

Purpose:

Monroe Community College and Corning Community College, part of the State University of New York, have entered an articulation agreement (commonly referred to as a 1+1 agreement). This collaboration aims to support transfer students as they transition to Monroe Community College to complete the Associate of Applied Science (AAS) degree in Optical Systems Technology. The initiative is designed to:

- Attract highly qualified students from the southern tier of New York and the northern tier of Pennsylvania to complete the 1+1 transfer into the MCC Optical Systems Technology AAS program that will lead to gainful employment in the Optical Technology sector.
- Facilitate and ease the transition process of qualified transfer students from Corning Community College (CCC) to Monroe Community College (MCC).
- Fostering collaboration between MCC and CCC can significantly enhance our academic environments. By working together, we can create opportunities for mutual growth, facilitate innovation, and enrich our students' educational experiences.

Terms

This articulation agreement establishes a 1+1 transfer program into the MCC Optical Systems Technology AAS program between Corning Community College and Monroe Community College to facilitate timely student progress and completion of the Optical Systems Technology AAS degree program at MCC.

Corning will provide the following: (1) individual education planning and mentoring for all transferring students to MCC, (2) outreach to faculty and transfer office staffing at MCC to provide program information, and (3) information sessions for students at MCC, at CCC, or online during the student’s first year.

Students who successfully complete the first-year suite of courses housed at CCC will be admitted and matriculated into the Optical Systems Technology AAS degree program as second-year students at MCC. Thus, Transfer credit will be awarded and applied to the Optical Systems Technology AAS degree program for all courses completed with a grade of C or better.

Monroe agrees to provide: (1) access for cross-registered (second year) students from Corning to campus facilities and resources (e.g., labs, classrooms, library, academic and tutoring support), and (2) promotion of program on campus to current students, faculty advisors, alumni, (3) inclusion of this transfer agreement on the MCC Optical Systems Technology website, (4) assurance of program ADA compliance, and (5) an MCC degree to transfer students who successfully complete the program.

Students will take the following courses in the first year primarily at Corning Community College.

Term 1: Fall Semester	**# of Credits**
OPTC 1010: Introduction to Optics (Taught online as MCC OPT 110)	3 Credits
MATH 1230: Elements of Applied Mathematics	3 Credits
ENGL 1110: College Communication	3 Credits
SUNY Gen Ed - DVRS	3 Credits
SUNY Gen Ed - CTRN	3 Credits
Total	15 Total Credits

Term 2: Spring Semester	**# of Credits**
PHYS 1580: Fiber Optics	3 Credits
MATH 1240: Elements of Applied Mathematics II	3 Credits
SUNY Gen Ed – WHGA OR WLNG	3 Credits
OPTC 1310: Optical Elements and Ray Optics (Taught hybrid as MCC OPT 131)	4 Credits
OPTC 2020: Photoscience (Taught online as MCC OPT 201)	4 Credits
Total	17 Total Credits

Students will take the following courses in the second year primarily at Monroe Community College.

Term 3: Fall Semester	**# of Credits**
OPT 213: Optical Fabrication and Metrology	4 Credits
OPT 151: Optical Instruments and Testing	4 Credits
OPT 211: Wave Optics and Applications	4 Credits
TEK 145: Career Communications (Taught Online at MCC) OR ENGL 1020 College Composition II (Taught at Corning)	3 Credits
Total	15 Total Credits

Term 4: Spring Semester	# of Credits
OPT 245: Optical Systems	4 Credits
OPT 235: Advanced Optical Fabrication and Metrology	4 Credits
OPT 255: Photonics	4 Credits
MTH 160: Statistics I with MTH 060	3 Credits
Total	15 Total Credits

Total Number of Credits from CCC = 32 Credits
Total Number of Credits from MCC = 30 Credits
Total Number of Credits for the Program = 62 Credits

Student Qualifications for Transfer from CCC to the A.A.S. in Optical Systems Technology at MCC

Qualified Students will complete the required courses with a C or better at CCC as described below:

Courses	# of Credits
MATH 1230: Elements of Applied Mathematics	3 credits
MATH 1240: Elements of Applied Mathematics II	3 credits
ENGL 1110: College Communication	3 credits
PHYS 1580: Fiber Optics	3 credits
OPTC 1010: Introduction to Optics (taught online through MCC)	3 credits
OPTC 1310: Optical Elements and Ray Optics (taught in conjunction with MCC)	4 credits
OPTC 2020: Photoscience (Taught online as MCC OPT 201)	4 credits
SUNY Gen Ed – DVRS	3 credits
SUNY Gen Ed – CTRN	3 credits
SUNY Gen Ed – WHGA/WLNG	3 credits
Total	32 total credits

Qualified students will remain in good academic standing with a Grade Point Average of 2.75 or higher.

This agreement becomes effective when all signatures are affixed. Either college can initiate a review of this transfer agreement in the case of significant curriculum changes.

Corning Community College:

William Mullaney (Feb 20, 2025 14:58 EST)
Dr. William P. Mullaney
President

Tony Wohlers
Tony Wohlers (Feb 20, 2025 14:58 EST)
Dr. Tony Wohlers
Vice President, Academic Affairs and Dean of Faculty

Mr. Bradley Cole
Associate Dean of Instruction, STEAM Division

Monroe Community College:

Dr. DeAnna R. Burt-Nanna
President

Dr. Michael Jacobs
Provost and Vice President, Academic and Student Affairs

Dr. Robin Cole Jr.
Vice President, Economic & Workforce Development
& Career Technical Education

Dr. Dino Laury
Dean, Career Technical Education