

Program Change Request

Date Submitted: 04/27/21 3:56 pm

Viewing: **EN-TRAN-MS : M.S. in Transportation**

Last edit: 04/27/21 3:56 pm

Changes proposed by: Matthew Bandelt (bandelt)

Catalog Pages Using [M.S. in Transportation](#)
this Program

Department(s) / College(s)	Department	College
	Civil & Environmental Engr (CEE)	Newark College of Engineering (EN)

Name of Program M.S. in Transportation

Academic Level(s) Graduate

Degree Designation MS

Campus(es) where
the program will be
offered Newark

CIP Code

Effective Catalog
Edition 2021-2022

Faculty Senate
Review required?

Related Department(s)	Department(s)
	Civil & Environmental Engr (CEE)

In Workflow

1. CEE Chair
2. AIS
3. EN Dean
4. Vice Provost of
Graduate Studies
5. President of the
Faculty Senate
6. Provost's Office
7. Academic Issues
Committee

Approval Path

1. 04/27/21 5:16 pm
Taha Marhaba
(marhaba):
Approved for CEE
Chair
2. 04/28/21 8:26 am
Mesfin Ayne (ayne):
Approved for AIS
3. 05/10/21 4:00 pm
Kam Moshe (kam):
Approved for EN
Dean

If the change involves altering the department's curriculum paradigm as currently outlined in the NJIT catalog, please attach existing and proposed paradigms.

Articulation with other institutions, if any

Objectives

Briefly summarize the program and indicate its objectives; e.g., the nature and focus of the program, the knowledge and skills students will acquire, any cooperative arrangements with other institutions or external agencies in offering this program, etc.

Need

Provide justification of the need for this program. If the program falls within the liberal arts and sciences and does not specifically prepare students for a career, then provide evidence of student demand and indicate opportunities for students to pursue advanced study (if the degree is not terminal with regard to further education). If the program is career-oriented or professional in nature, then in addition to student demand give evidence of labor market need and results of prospective employer surveys. Report labor market need as appropriate on local, regional, and national bases. Specify job titles and entry-level positions for program graduates, and/or indicate opportunities for graduates to pursue additional studies.

Relationship to the University and State Master Plans

Describe the relationship of the program to the following: institutional master plans and priorities.

Relationship to Similar Programs in the State and Region

List similar programs within the state and in neighboring states. How does this program compare to those currently being offered?

Distinguished Programs Nationally

For doctoral programs: Supply a select list of distinguished programs nationally in this discipline.

Students

Estimate anticipated enrollments from the program's inception until a steady state or optimum enrollment is reached.

Resources to Support the Program

Briefly describe the additional resources needed to implement and operate the program during the program's first five years, e.g., the number of full-time faculty, number of adjunct faculty, computer equipment, print and non-print material, etc.

Course

Development Plan

Names of faculty

involved

Libraries and

Computing

Facilities

Classrooms and

Laboratories Needs

Catalog Description (For PHD programs, include information about the qualifying exams, and other program milestones.)

Curriculum

Degree Requirements

Students who lack an appropriate background may be admitted and required to make up deficiencies by taking a program of bridge courses designed in consultation with graduate advisors. These courses are taken in addition to the degree requirements. See the undergraduate catalog for descriptions of 100 to 400-level courses. Students may be required to take or demonstrate that they already have taken courses equivalent to the bridge courses.

Students must select one area of specialization and take a minimum of 30 credits. [TRAN 792](#) Pre-Doctoral Research is required for all students who receive departmental or research-based awards. A maximum of 6 credits may be taken from the 500-level courses for the master of science.

Three general areas of specialization are available. While they share a common methodological core, each is designed to suit various interests:

Transportation Engineering focuses on traffic engineering, physical design and operational aspects of transportation systems. This area is best suited for students with an undergraduate engineering degree.

Transportation Planning emphasizes the analysis and planning aspects, in particular the integration of transportation systems with urban and regional considerations such as economics, land use, and the environment.

Advanced Transportation Systems and Technologies emphasizes the use of emerging technologies such as intelligent transportation systems in planning, design and operations of multi- and inter-modal transportation systems.

Additional elective courses for all areas of specialization may be taken with approval of the graduate advisor.

Students **are able to substitute Master's thesis in their program. With permission** ~~receiving financial aid at any point in their studies must complete 6 credits of their research advisor, [TRAN 701](#) [Course TRAN 701 Not Found](#).~~ Any students **intending to do an MS thesis should first register in the TRAN 700B (Masters Project). Students must receive a satisfactory (S) grade in 700B before registering for TRAN 701B (Masters Thesis).** ~~are able to substitute Master's thesis in their program.~~ **Students taking TRAN 701B must register in the immediate following semester with the same advisor. The MS thesis topic should be continuation of the work done in TRAN 700B.**

M.S. in Transportation Engineering

Bridge Courses

CE 350	Transportation Engineering 1	3
CS 101	Computer Programming and Problem Solving	3
ECON 265	Microeconomics	3
MATH 105	Elementary Probability and Statistics	3
MATH 309	Mathematical Analysis for Technology	4
Total Credits		16

1 Students who have demonstrated professional transportation work experience may have this course waived.

Core Courses

TRAN 603	Introduction to Urban Transportation Planning	3
TRAN 610	Transportation Economics	3
TRAN 650	Urban Systems Engineering	3
or EM 602	Management Science	

Area of Specialization Required Courses

TRAN 615	Traffic Studies and Capacity	3
TRAN 625	Public Transportation Operations and Technology	3
TRAN 752	Traffic Control	3

Electives

Select four of the following:

12

CE 611	Project Planning and Control
EM 691	Cost Estimating for Capital Projects
ENE 671	Environmental Impact Analysis
HRM 601	Organizational Behavior
IE 651	Industrial Simulation
MATH 661	Applied Statistics
ME 635	Computer-Aided Design
MGMT 692	Strategic Management
MIS 648	Decision Support Systems for Managers
TRAN 552	Geometric Design of Transportation Facilities
TRAN 602	Geographic Information Systems
TRAN 608	Behavioral Issues in Transportation Studies
TRAN 640	Distribution Logistics
TRAN 653	Traffic Safety
TRAN 659	Flexible and Rigid Pavements
TRAN 700B	Master'S Project
TRAN 701B	Master's Thesis
TRAN 753	Airport Design and Planning
TRAN 754	Port Design and Planning
TRAN 755	Intelligent Transportation Systems
TRAN 760	Urban Trans Networks

Total Credits

30

M.S. in Transportation Planning

Bridge Courses

CE 350	Transportation Engineering 1	3
CS 101	Computer Programming and Problem Solving	3
ECON 265	Microeconomics	3
MATH 105	Elementary Probability and Statistics	3
MATH 309	Mathematical Analysis for Technology	4

Total Credits

16

1 Students who have demonstrated professional transportation work experience may have this course waived.

Core Courses		
<u>TRAN 603</u>	Introduction to Urban Transportation Planning	3
<u>TRAN 610</u>	Transportation Economics	3
<u>TRAN 650</u>	Urban Systems Engineering	3
or <u>EM 602</u>	Management Science	
Area of Specialization Required Courses		
<u>TRAN 655</u>	Land Use Planning	3
<u>TRAN 625</u>	Public Transportation Operations and Technology	3
or <u>TRAN 705</u>	Mass Transportation Systems	
<u>TRAN 765</u>	Multi-modal Freight Transportation Systems Analysis	3
Electives		
Select four of the following:		12
<u>CE 611</u>	Project Planning and Control	
<u>ENE 671</u>	Environmental Impact Analysis	
<u>HRM 601</u>	Organizational Behavior	
<u>HRM 606</u>	Human Resource Management	
<u>MATH 661</u>	Applied Statistics	
<u>MGMT 691</u>	Legal and Ethical Issues in a Digital World	
<u>MGMT 692</u>	Strategic Management	
<u>MIS 620</u>	E-Commerce Technologies	
<u>TRAN 602</u>	Geographic Information Systems	
<u>TRAN 608</u>	Behavioral Issues in Transportation Studies	
<u>TRAN 615</u>	Traffic Studies and Capacity	
<u>TRAN 640</u>	Distribution Logistics	
<u>TRAN 643</u>	Transportation Finance	
<u>TRAN 653</u>	Traffic Safety	
<u>TRAN 720</u>	Discrete Choice Modeling for Travel Demand Forecasting	
<u>TRAN 753</u>	Airport Design and Planning	
<u>TRAN 755</u>	Intelligent Transportation Systems	
Total Credits		30

Advanced Transportation Systems and Technologies

Bridge Courses		
<u>CE 350</u>	Transportation Engineering 1	3

<u>CS 101</u>	Computer Programming and Problem Solving	3
<u>ECON 265</u>	Microeconomics	3
<u>MATH 105</u>	Elementary Probability and Statistics	3
<u>MATH 309</u>	Mathematical Analysis for Technology	4
Total Credits		16

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Core Courses

<u>TRAN 603</u>	Introduction to Urban Transportation Planning	3
<u>TRAN 610</u>	Transportation Economics	3
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Area of Specialization Required Courses

<u>TRAN 615</u>	Traffic Studies and Capacity	3
<u>TRAN 755</u>	Intelligent Transportation Systems	3
<u>TRAN 765</u>	Multi-modal Freight Transportation Systems Analysis	3

Electives

Select four of the following: 12

<u>CS 610</u>	Data Structures and Algorithms
<u>CS 651</u>	Data Communications
<u>CS 661</u>	Systems Simulation
<u>ECE 642</u>	Communication Systems I
<u>EM 714</u>	Multicriteria Decision Making
<u>ENE 671</u>	Environmental Impact Analysis
<u>HRM 601</u>	Organizational Behavior
<u>IE 624</u>	Heuristic Methods
<u>IE 642</u>	Network Flows and Applications
<u>IE 644</u>	Application of Stochastic Modeling in Systems Control
<u>IE 651</u>	Industrial Simulation
<u>IE 705</u>	Mathematical Programming in Management Science
<u>IE 706</u>	A Queueing Approach to Performance Analysis
<u>MATH 661</u>	Applied Statistics
<u>ME 635</u>	Computer-Aided Design
<u>MIS 648</u>	Decision Support Systems for Managers
<u>MRKT 636</u>	Design and Development of High Technology Products

TRAN 602

Geographic Information Systems

TRAN 608

Behavioral Issues in Transportation Studies

TRAN 625

Public Transportation Operations and Technology

TRAN 640

Distribution Logistics

TRAN 752

Traffic Control

Total Credits

30

Is licensure required of program graduates to gain employment?

Will the institution seek accreditation for this program?

Add any additional
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CUE/ CGE here

Attach any additional information you would like brought to the
attention of CUE/ CGE here: Uploaded Files:

Reviewer
Comments

Program Change Request

Date Submitted: 04/27/21 11:52 am

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Changes proposed by: Matthew Bandelt (bandelt)

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Course
Development Plan
Names of faculty
involved
Libraries and
Computing
Facilities
Classrooms and
Laboratories Needs

Catalog Description (For PHD programs, include information about the qualifying exams, and other program milestones.)

Curriculum

Degree Requirements

Students who do not have a bachelor's degree in civil engineering, but who want to obtain a master's degree in civil engineering must complete a bridge program for their chosen area of specialization. These courses are not counted for degree credit. See the areas of specialization in this section for specific bridge programs.

Please note that prerequisites for bridge courses also must be met. See the undergraduate catalog for descriptions of 100- to 400-level courses. Some of the bridge courses may be waived depending on the student's background.

The program as shown below offers numerous areas of specialization, each with its own list of required and elective courses and bridge program. **Students must maintain a minimum GPA of 3.0 in core courses and a minimum overall GPA of 3.0.** Once the choice of specialization is made, the student consults his/her specialization advisor to plan and develop an individualized and cohesive sequence of courses that will meet the program requirements of at least 30 **graduate** degree credits.

Other suitable electives may be taken subject to approval of program advisor.

~~Students receiving financial aid at any point in their studies must complete 6 credits of CE 701~~ **Course CE 701 Not Found**. **Students are able to substitute Master's thesis in their program. With permission of their research advisor, Any students intending to do an MS thesis should first register in the CE 700B (Masters Project). Students must receive a satisfactory (S) grade in 700B before registering for CE 701B (Masters Thesis). are able to substitute Master's thesis in their program. Students taking CE 701B must register in the immediate following semester with the same advisor. The MS thesis topic should be continuation of the work done in CE 700B.**

M.S. in Civil Engineering, Construction Engineering and Management

~~1 Students receiving departmental awards are required to write a thesis.~~

~~2 All students who receive departmental or research-based awards must enroll in the seminar each semester.~~

Bridge Program

<u>CE 210</u>	Construction Materials and Procedures	3
CE 501	Introduction to Soil Behavior	3
<u>CE 200</u>	Surveying	2
<u>CE 200A</u>	Surveying Laboratory	1
<u>MECH 320</u>	Statics and Strength of Materials	3
<u>CS 101</u>	Computer Programming and Problem Solving	3
MATH 225	Survey of Probability and Statistics	1
<u>MATH 112</u>	Calculus II	4
<u>MATH 279</u>	Statistics and Probability for Engineers	2
<u>CE 341</u>	Soil Mechanics	3
<u>CE 341A</u>	Soil Mechanics Laboratory	1
Total Credits		22

Core Courses

6 credits as follows: **6**

<u>CE 610</u>	Construction Management
<u>CE 611</u>	Project Planning and Control

Specialty Electives

Select four to six of the following:		12-18
12 to 18 credits as follows:		12-18
<u>CE 614</u>	Underground Construction	
<u>CE 615</u>	Infrastructure and Facilities Remediation	
<u>CE 616</u>	Construction Cost Estimating	
<u>CE 617</u>	Historic Preservation	
<u>CE 644</u>	Geology in Engineering	
<u>CE 700</u>	<u>Course CE 700 Not Found</u>	
<u>CE 671</u>	Performance and Risk Analysis of Infrastructure Systems	
<u>CE 711</u>	Methods Improvement in Construction	
<u>CE 700B</u>	Masters Project	
<u>CE 701B</u>	Master's Thesis	
<u>EM 632</u>	Legal Aspects in Construction	

General Electives

0 to 6 credits of General Department Electives **0-6**

Management/Leadership Electives

Select one to two of the following: **3-6**

3 to 6 credits as follows: 0-6

<u>ACCT 615</u>	Management Accounting	
<u>FIN 600</u>	Corporate Finance I	
<u>EPS 622</u>	Sustainable Politics and Policy	
<u>HRM 601</u>	Organizational Behavior	

Total Credits 30

M.S. in Civil Engineering, Environmental Engineering, Water Quality Program

M.S.:

Water Quality Bridge Program

<u>CE 320</u>	Fluid Mechanics	3
<u>CE 321</u>	Water Resources Engineering	3
<u>CHEM 126</u>	General Chemistry II	3

Total Credits 9

Core Courses

<u>ENE 663</u>	Water Chemistry	3
<u>ENE 661</u>	Environmental Microbiology	3
or <u>EVSC 627</u>	Environmental Microbiology	

Specialty Electives

12 to 18 credits as follows:

12-18

ENE 664	Physical and Chemical Treatment
ENE 665	Biological Treatment
ENE 672	Stormwater Management
CE 671	Performance and Risk Analysis of Infrastructure Systems
ENE 700B	Master's Project
ENE 701B	Master's Thesis

General Electives

0 to 6 credits of General Department Electives

0-6

Management/Leadership Electives

3 to 6 credits as follows:

3-6

CE 610	Construction Management
CE 711	Methods Improvement in Construction
EM 631	Legal Aspects in Environmental Engineering
HRM 601	Organizational Behavior

Total Credits

30

M.S. in Civil Engineering, Environmental Engineering Integrated Site Remediation

Integrated Site Remediation Bridge Program

CHEM 126	General Chemistry II	3
CE 321	Water Resources Engineering	3
CE 501	Introduction to Soil Behavior	3

Total Credits

9

Core Courses

ENE 663	Water Chemistry	3
ENE 661	Environmental Microbiology	3
or EVSC 627	Environmental Microbiology	

Specialty Electives

12 to 18 credits as follows:

12-18

ENE 660	Introduction to Solid and Hazardous Waste Problems
ENE 662	Site Remediation
ENE 671	Environmental Impact Analysis
CE 602	Geographic Information System

[CE 646](#) Geosynthetics & Soil Imp

Geology/Rock Mechanics Courses

3 to 6 credits as follows:

0-6

[CE 644](#) Geology in Engineering

[CE 614](#) Underground Construction

[CE 602](#) Geographic Information System

Pending Extraction and Storage of Energy Resources

General Electives

0 to 12 credits as follows:

Pavements

[CE 553](#) Design and Construction of Asphalt Pavements

[CE 649](#) Design & Construction of Concr

[CE 659](#) Flexible and Rigid Pavements

[CE 702](#) Special Topics in Civil Engineering

Pending Management of Infrastructure Assets

Structural

[CE 615](#) Infrastructure and Facilities Remediation

[CE 631](#) Advanced Reinforced Concrete Design

[CE 638](#) Nondestructive Testing Methods in Civil Engineering

Numerical Methods

[ME 622](#) Finite Element Methods in Mechanical Engineering

[MATH 614](#) Numerical Methods I

Management/Leadership Electives

3 to 6 credits as follows:

[CE 610](#) Construction Management

[CE 611](#) Project Planning and Control

[CE 616](#) Construction Cost Estimating

[CE 711](#) Methods Improvement in Construction

[EM 632](#) Legal Aspects in Construction

[HRM 601](#) Organizational Behavior

[CE 701B](#) **Master's Thesis**

Students pursuing a thesis option or receiving financial aid at any point in their studies must complete a minimum of 6 credits of CE 701 Master's Thesis in place of 3 credits reduction from the Advanced Geotechnical Design Courses Requirements and 3 Credits reduction from the Management/Leadership

M.S. M.S. in Civil Engineering, Structural Engineering

Bridge Program

<u>CE 333</u>	Reinforced Concrete Design	2
<u>CE 341</u>	Soil Mechanics	3
<u>CE 341A</u>	Soil Mechanics Laboratory	1
<u>CE 360</u>	Sustainable Civil Engr Mat	3
<u>CE 432</u>	Steel Design	2
<u>CS 101</u>	Computer Programming and Problem Solving	3
<u>MATH 222</u>	Differential Equations	4
<u>MECH 236</u>	Dynamics	2
<u>MECH 237</u>	Strength Of Materials	3
Total Credits		23

Core Courses

<u>CE 639</u>	Applied Finite Element Methods	3
<u>CE 630</u>	Matrix Analysis of Structures	3
<u>CE 634</u>	Structural Dynamics	3
CE 635	Fracture Mechanics of Engineering Materials	
<u>CE 636</u>	Mechanics and Stability of Structures	3

Advanced Design Courses

Select four to six of the following: 12-18

~~CE 531~~ ~~Design of Masonry and Timber Structures~~

9 credits from the following: **9**

- CE 631 Advanced Reinforced Concrete Design
- CE 632 Prestressed Concrete Design
- CE 637 Short Span Bridge Design
- CE 700B **Masters Project**
- CE 733 Design of Metal Structures
- CE 734 Design of Tall Buildings and Space Structures
- ~~CE 736~~ ~~Finite Element Methods in Structural and Continuum Mechanics~~
- ~~CE 737~~ ~~Earthquake Engineering~~
- ~~CE 739~~ ~~Structural Optimization~~
- ~~MECH 630~~ ~~Theory Of Elasticity~~

Advanced Materials Course

Select zero to two from the List of Department General Electives 0-6

3 credits from the following: **3**

CE 638 Nondestructive Testing Methods in Civil Engineering

CE 700 Course CE 700 Not Found

CE 702 Special Topics in Civil Engineering

CE 730 Plastic Analysis and Design

CE 703 **Concrete Durability**

MTSE 601 **Fundamentals of Engineering Materials**

MTSE 602 **Thermodynamics of Materials**

MTSE 610 **Mechanical Properties of Materials**

Construction/Management/Leadership Courses

Select one to two of the following: 3-6

6 credits from the following: **6**

CE 610 Construction Management

CE 611 **Project Planning and Control**

CE 616 **Construction Cost Estimating**

CE 711 Methods Improvement in Construction

EM 632 Legal Aspects in Construction

HRM 601 Organizational Behavior

CE 701B **Master's Thesis**

Geotechnical and Foundation Engineering Courses

3 credits from the following: **3**

CE 641 **Engineering Properties of Soils**

CE 642 **Foundation Engineering**

CE 643 **Advanced Foundation Engineering**

Total Credits 30

M.S. in Civil Engineering, Transportation Engineering

Bridge Program

CE 200 **Surveying** **2**

CE 200A **Surveying Laboratory** **1**

CE 350 Transportation Engineering 3

CS 101 Computer Programming and Problem Solving 3

ECON 265 Microeconomics 3

<u>MATH 105</u>	Elementary Probability and Statistics	3
<u>MATH 309</u>	Mathematical Analysis for Technology	4
Total Credits		19
Core Courses		
6 credits as follows		
<u>TRAN 615</u>	Traffic Studies and Capacity	3
<u>TRAN 650</u>	Urban Systems Engineering	3
Specialty Electives		
Select four to six of the following:		12-18
12 to 18 credits as follows:		12-18
<u>CE 659</u>	Flexible and Rigid Pavements	
<u>TRAN 552</u>	Geometric Design of Transportation Facilities	
<u>TRAN 603</u>	Introduction to Urban Transportation Planning	
<u>TRAN 625</u>	Public Transportation Operations and Technology	
<u>TRAN 653</u>	Traffic Safety	
<u>TRAN 655</u>	Land Use Planning	
TRAN 700	Course TRAN 700 Not Found	
TRAN 700B	Master'S Project	
TRAN 701B	Master's Thesis	
<u>TRAN 752</u>	Traffic Control	
TRAN 755	Intelligent Transportation Systems	
General Electives		
0 to 6 credits as follows:		0-6
See List of Department General Electives		
Management/Leadership Electives		
3 to 6 credits as follows:		6
CE 610	Construction Management	
<u>CE 711</u>	Methods Improvement in Construction	
<u>EM 632</u>	Legal Aspects in Construction	
<u>HRM 601</u>	Organizational Behavior	
Total Credits		30

Is licensure required of program graduates to gain employment?

Will the institution seek accreditation for this program?

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Attach any additional information you would like brought to the attention of CUE/ CGE here: Uploaded Files:

Reviewer
Comments

Program Change Request

A deleted record cannot be edited

Program Inactivation Proposal

Date Submitted: 06/07/21 5:53 pm

Viewing: **SL-PTC-MS : M.S. in Professional and Technical Communication**

Last edit: 06/08/21 8:22 am

Changes proposed by: Maurie Cohen (mcohen)

In Workflow

1. HUM Chair
2. AIS
3. SL Dean
4. Vice Provost of Graduate Studies
5. President of the Faculty Senate
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Approval Path

1. 06/07/21 5:54 pm
Maurie Cohen (mcohen):
Approved for HUM Chair
2. 06/08/21 8:22 am
Mesfin Ayne (ayne):
Approved for AIS
3. 06/08/21 9:01 am
Kevin Belfield (belfield):
Approved for SL Dean

Catalog Pages Using this Program [M.S. in Professional and Technical Communication](#)

Final Catalog 2022-2023

Rationale for Inactivation **Program suspended due to extended period of low student enrollment.**

Department(s) / College(s)

Department	College
Humanities (HUM)	Coll of Science & Liberal Arts (SL)

Name of Program M.S. in Professional and Technical Communication

Academic Level(s) Graduate

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Campus(es) where the program will be offered Newark

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Catalog Description (For PHD programs, include information about the qualifying exams, and other program milestones.)

Curriculum

Degree Requirements

Students must complete a minimum of 30 degree credits taken over a minimum of two semesters. Five core courses must be completed by all students; five elective courses allow students to specialize in selected areas of professional and technical communication.

Students must design and maintain an ePortfolio of work completed within the courses. This work, organized around core competencies within each seminar in the program, will be reviewed by the instructional faculty every semester. In the final semester before graduation, students are required to submit their portfolio for non-credit assessment in [PTC 691](#) ePortfolio Capstone Seminar.

Core Courses

PTC 601	Advanced Professional and Technical Communication	3
PTC 603	Identity, Technology, and Communication	3
PTC 604	Communication Theory and Research	3
PTC 605	Elements of Visual Design	3
PTC 606	Advanced Information Design	3

ePortfolio

PTC 691	ePortfolio Capstone Seminar	0
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Elective Courses

Select five of the following: 15

PTC 610	Research Methods for Information Design
PTC 612	Theory and Practice of Text Encoding
PTC 620	Proposal Writing
PTC 622	Working in Teams: Collaborative and Interpersonal Communications
PTC 624	Professional and Technical Editing
PTC 626	Communication Media Design Studio
PTC 628	Analyzing Social Networks
PTC 629	Theory and Practice of Social Media
PTC 631	Communication and Environmental Problem Solving
PTC 632	Content Management and Information Architecture
PTC 640	Health Communications
PTC 642	Corporate Media and Communication
PTC 644	Communication in Technology Transfer and Innovation
PTC 650	eLearning Design for Mobile
PTC 672	Design Instruction Assess Meth
PTC 681	Tech in Class & Learning Envir

PTC 698

Selected Topics in Professional and Technical Communication

PTC 700

Course PTC 700 Not Found

PTC 701

Course PTC 701 Not Found

PTC 725

Independent Study in Professional and Technical Communication

Total Credits

30

Is licensure required of program graduates to gain employment?

Will the institution seek accreditation for this program?

Add any additional information you would like brought to the attention of CUE/ CGE here

Attach any additional information you would like brought to the attention of CUE/ CGE here: Uploaded Files:

Reviewer
Comments